

<400> 33470

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gcctcaaatt	cctgggctca	agtgatcctc	tcctctcagc	ctcatgagta	gcagggacta	180
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<210> 33471

<211> 275

<212> DNA

<213> Homo sapiens

<400> 33471

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ctctcctcc	agactcaaag	ggatcagaga	aggctgaaga	aggtgcagaa	actgaggcac	180
aaaaagaggg	cagtgaagat	gcgggcaacc	tcctgaagc	ccaggagaag	aatgaagaag	240
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<210> 33472

<211> 137

<212> DNA

<213> Homo sapiens

<400> 33472

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cgccccagc	ccctctc					137

<210> 33473

<211> 111

<212> DNA

<213> Homo sapiens

<400> 33473

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<210> 33474

<211> 140

<212> DNA

<213> Homo sapiens

<400> 33474

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<210> 33475

<211> 136

<212> DNA

<213> Homo sapiens

<400> 33475

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 agcaacatca gggcgt 136

<210> 33476
 <211> 271
 <212> DNA
 <213> Homo sapiens

<400> 33476
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 atatagctaa aatcaccctt gacaaaattc tagagaaggc ataatcatat tggagactgc 180
 cccatcaatt ctacagtagag caggtagtca cttttatgtc cagcgtttga acagatggct 240
 agatggctag ggtgattctt aagttgagt c 271

<210> 33477
 <211> 61
 <212> DNA
 <213> Homo sapiens

<400> 33477
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 c 61

<210> 33478
 <211> 334
 <212> DNA
 <213> Homo sapiens

<400> 33478
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 gattgtgagc aagatattta tctcttttagc ccttggggat ccagctgaga gcaatctctt 180
 gcattttttt acccgtgtat gtacagatat catttcttgt gtatgccatg acttgaaaaa 240
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<210> 33479
 <211> 159
 <212> DNA
 <213> Homo sapiens

<400> 33479
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 atcgccaggg tgcacggaac tttcggcgca sgcnctgca 159

<210> 33480
 <211> 57
 <212> DNA
 <213> Homo sapiens

<400> 33480

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<210> 33481
<211> 105
<212> DNA
<213> Homo sapiens

<400> 33481
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gcaggagtga ccaggacact acctcctaga agtaatgccc agctg 105

<210> 33482
<211> 51
<212> DNA
<213> Homo sapiens

<400> 33482
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<210> 33483
<211> 123
<212> DNA
<213> Homo sapiens

<400> 33483
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<210> 33484
<211> 83
<212> DNA
<213> Homo sapiens

<400> 33484
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gagctgctgt cagcctggcc tgt 83

<210> 33485
<211> 55
<212> DNA
<213> Homo sapiens

<400> 33485
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<210> 33486
<211> 52
<212> DNA
<213> Homo sapiens

<400> 33486
ctccaccacg tgacgcacss atggccgccc ctctctctta ctgtcgtagt tc 52

<210> 33487

<211> 261

<212> DNA

<213> Homo sapiens

<400> 33487

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ccagcgggsa ccaggcgatt gtgagtgcc a ggggctgrg gcctgcgccg acctggctctg      180
ctggtgctac cacgcttgaa cagtcttcaa atccactgct attaggcaaa ttacctggct      240
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<210> 33488

<211> 58

<212> DNA

<213> Homo sapiens

<400> 33488

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<210> 33489

<211> 310

<212> DNA

<213> Homo sapiens

<400> 33489

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tatagtatca ctccctcata gccatcccta aacaccggga ttagtttggt ccggttttg      180
acttaacttg gatgcaggca tactctcagt atttttgttt ggtttggtct tgctgggtgtt      240
acttcatatg gtatttgtgg gatccacca cattgctgcg ataagctgca ctctattttc      300
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<210> 33490

<211> 320

<212> DNA

<213> Homo sapiens

<400> 33490

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gggggtctct gtgctgctgc tgcagggtgg gctgctgctg cggtgagcgg sgagaccgcg      180
acccccgagg agctgaccat ccttrgagaa acacaggagg aggaggatga gattcttcca      240
aggaaagact atgagagttt ggattatgat cgctgtatca awgaccctta cctggaagtt      300
ttggagaaca tggataataa                                     320
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<210> 33491

<211> 327

<212> DNA

<213> Homo sapiens

<400> 33491

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accaagaagt acattcactc ctaatarata acaaatttgg agamataaaa atatcttaag 180
 aaragmavaa agaaaagaga agaaaggmtt cacaccatgg aatgrcaagt gctcaaattg 240
 ctctcagtaa gtgctcacgg ggacamcact gtcagagtgg tgagcaawca tctaccacaa 300
 aatggaacaa agcagcagag gtacgta 327

<210> 33492

<211> 397

<212> DNA

<213> Homo sapiens

<400> 33492

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 ccctggctgc tagtggtttg ccaacaatct ttaatgttgc ttgacttgta gaagcttacc 180
 ctcatctctg cttcatctt cgctggcat tttcccatg tgmktgtcta tctacaaatt 240
 ccctccttat aaggacatca gtcatagtga atcagggatc catgctactc cacaatgacc 300
 tcatcttaac actatatctg carsaagcca tatttccaaa taagaccacc ttctgacatg 360
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<210> 33493

<211> 69

<212> DNA

<213> Homo sapiens

<400> 33493

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<210> 33494

<211> 51

<212> DNA

<213> Homo sapiens

<400> 33494

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<210> 33495

<211> 253

<212> DNA

<213> Homo sapiens

<400> 33495

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 ataagttcct ggtagccca tctagcagtc tgattctgtt gtctgggaga aaccccttg 180
 ccattgtac tccatgtgac ccctggcttt gccctctggc agattttcct tgtttgtttt 240
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<210> 33496

<211> 338

<212> DNA

<213> Homo sapiens

<400> 33496

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tccgcctccc	aggtccakgc	cattctcctg	cctcagcctc	ccgagtagct	gggactacag	180
gcgcctgcc	ccacgcccgg	ctaatttttt	gtatttttag	tagagacggg	gtttcaccgy	240
gttagccagg	atggtctcga	tctcctgacc	tcgtgatttg	cctgccttgg	cctcccaaag	300
tgcygggatt	aacaggcgtg	ascactgcac	acggccgt			338

<210> 33497

<211> 227

<212> DNA

<213> Homo sapiens

<400> 33497

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caataaaatt	taattctinn	ccttcttggc	tcatgtttat	catcctaaat	aaactctctc	180
atcccatact	ctgcctataa	aagttcttct	cagtcttcaa	ggcgacg		227

<210> 33498

<211> 128

<212> DNA

<213> Homo sapiens

<400> 33498

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<210> 33499

<211> 81

<212> DNA

<213> Homo sapiens

<400> 33499

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<210> 33500

<211> 104

<212> DNA

<213> Homo sapiens

<400> 33500

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<210> 33501

<211> 247

<212> DNA

<213> Homo sapiens

<400> 33501

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agaaaaatTT acattctctc ccaggtaaca tagttctctc aatgtaaact tggaacctga 180
aaccctactt aatttagaga aagaaatgtc tgagaaatag ttcccttgat ttcttatgct 240
ggcatca 247

<210> 33502
<211> 374
<212> DNA
<213> Homo sapiens

<400> 33502
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tcagaagaga cttgatggca gtgtagattt caagaaaaac tggattcaat ataaagaagg 120
atttggacat ctgtctccta ctggcacaac agaattttgg ctgggaaatg agaagattca 180
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tggcagaacc agtactgcag actatgccat gttcaagggt ggacctgaag ctgacaagta 300
ccgcctaaca tatgcctact tcgctgggtg ggatgctgga gatgcctttg atggctttga 360
ttttggcgat gatc 374

<210> 33503
<211> 356
<212> DNA
<213> Homo sapiens

<400> 33503
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ggtgggaagg gagaaacaaa gagagaatct tccatccact gccctgagag caaacctaata 180
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acaaggatcg atttctgaaa cgtcatttct cacaggaatt cctcctcttc tgcacagcac 300
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<210> 33504
<211> 247
<212> DNA
<213> Homo sapiens

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cccacctcc aggatttggg cgatatggca tctgkgcaca tgaraacaaa gaacttdcca 180
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ctcaata 247

<210> 33505
<211> 169
<212> DNA
<213> Homo sapiens

<400> 33505
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taatcctagc attttgggag gcttgggagc gtggatcacc tgagatcagg agttcgagat 120
cagcctgacc aacatgggtga aaccccgctt ctactaaaaa atacaaaaa 169

<210> 33506

<211> 326
 <212> DNA
 <213> Homo sapiens

<400> 33506
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 tgcctctgtg gtaaaagtga attcccagtc actgagtcgg tatctgtttc gggcattcag 240
 aagctcatta aaaagagttg aggtcctaga tgagaacaac ttgggtcatga atttagagtt 300
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<210> 33507
 <211> 169
 <212> DNA
 <213> Homo sapiens

<400> 33507
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 taaaaatgag aaaacgaaat tattacaaga ctgcagattg tttggacat 169

<210> 33508
 <211> 274
 <212> DNA
 <213> Homo sapiens

<400> 33508
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 ctttgtcctt gatctgtcct ttgctgtcca cccacttcc cgaggccaag accttagttg 180
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<210> 33509
 <211> 307
 <212> DNA
 <213> Homo sapiens

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<210> 33510
 <211> 353
 <212> DNA
 <213> Homo sapiens

<400> 33510
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atataaggat	ttataacata	tatttgTTTT	ccatttattt	ttatgaagga	attaaagaaa	240
ttatcagaaa	atactaaaag	ggmacaaaagc	attttaaaaa	cattccaaca	atggcatgct	300
gctttttata	cagtatgcag	tgaagytctt	tgcatttcaa	aggcaagggt	agc	353

<210> 33511
 <211> 331
 <212> DNA
 <213> Homo sapiens

<400> 33511						
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aagggtggtct	gcctggaatc	tgcccacccc	cgcatgggtg	ttggctgccg	cctgagcccg	240
gccttgctca	ctgctgtcac	caacgtgctc	atcttcttct	ggtgcttggc	ttttttgtgg	300
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<210> 33512
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 <212> DNA
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<400> 33512						
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gcaagaatct	tagtgttctc	tttagctccc	cacctttccc	acgcccctat	atgctaagag	180
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<210> 33513
 <211> 144
 <212> DNA
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<210> 33514
 <211> 182
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 <213> Homo sapiens

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cagatggtct	gggaaagtgc	tgtgcctctg	aggctttggg	ttgtagtcaa	tggcaggaca	180
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<210> 33515
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 <212> DNA

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<213> Homo sapiens

<400> 33515

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gtgccactgc	actgcagctg	gggtgacagt	gcaagaccct	gtctcaaacc	aaaccaaacc	360
acacacacac	aaacacacat	acacacaac				389

<210> 33516

<211> 371

<212> DNA

<213> Homo sapiens

<400> 33516

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gcctaattgaa	tgttgaccat	ctttatgtag	aggaatthttt	ctthtaatgat	ggagggaata	180
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taagatactc	tacaaagtta	ttcattattg	ggaactctca	tctcagaaga	gtgacttaag	360
acagggagcc	t					371

<210> 33517

<211> 59

<212> DNA

<213> Homo sapiens

<400> 33517

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<210> 33518

<211> 100

<212> DNA

<213> Homo sapiens

<400> 33518

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atgactthtcc	ystgcatgct	tccttctgta	gcyattgatt			100

<210> 33519

<211> 304

<212> DNA

<213> Homo sapiens

<400> 33519

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gcctacatat	atthtagctgt	ctthtgctatt	aatgatatgt	ttgtattgtt	tgctcctgag	120
aayakwaata	tgtctgttcc	attaatgttc	agththththta	tgcatthtaat	aaatgcrtag	180
cattgtgcta	agtattctac	tcaaaaaatt	aagataggat	ccctggccaw	caaaaatcac	240
ttggggatta	ccarataaaa	caaattgtctg	atgtaattgt	gattgcwagt	agtgttagta	300
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<210> 33520

<211> 167

<212> DNA

<213> Homo sapiens

<400> 33520

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ttgcaaaatg	ctttttctgc	acatgtcgat	aggttcatgt	gatttttctt	ttttagtctg	120
ttaatgtatt	ggattacatt	aatgaatttt	caaattattga	accagct		167

<210> 33521

<211> 225

<212> DNA

<213> Homo sapiens

<400> 33521

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cttaattttt	ttctcttatg	tcatgatttc	aaaaatcttt	tattctgata	attaatgaca	120
gtaaaattaa	tgtacatctt	ggaagactac	ataggcacat	gccacatcga	agattgttta	180
ctgcaagcaa	cataagaatt	ttcctttact	tgtttaattg	ggcaa		225

<210> 33522

<211> 70

<212> DNA

<213> Homo sapiens

<400> 33522

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gatgcagcgt						70

<210> 33523

<211> 236

<212> DNA

<213> Homo sapiens

<400> 33523

gcaacaacta	agtctacagt	aaataaatgg	actttgaaag	gaattcataa	ttttagagcc	60
tctggagatt	atgacaatga	ctgtacaaat	cctataaacac	ctctttgtac	acaacctgac	120
caggttatta	aagggggtgc	tagtattatt	cagtgccaca	ttcttaatga	taagagacat	180
atattaacca	aagataccaa	taataatgtg	gcatattggg	atgtattgaa	ggcaac	236

<210> 33524

<211> 128

<212> DNA

<213> Homo sapiens

<400> 33524

ttgtaacttg	aagcgtaaat	gcttgagggg	atggataccc	cattctccat	gatgtgctta	60
tttcacactg	catgcctgta	tcacagtatc	tcatgttctc	tgtaaataata	taatcctact	120
atgcaccc						128

<210> 33525

<211> 119

<212> DNA

<213> Homo sapiens

<400> 33525

acttatacat tgtacattat tcttgaatgc ttttcctctg aggtggagaa caaggcaagg 60
atgcctgttc tcaccactta cgttcaacat ggtagmggag gggcctacac acaacatac 119

<210> 33526

<211> 224

<212> DNA

<213> Homo sapiens

<400> 33526

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tgagcgcccc cgtaactctg acacagtagt watttgagcc tctgcaattg ccgtctgctt 120
cctgtgaaag tcctttccgt gccactgac ccttgagtgg gcctttgagc tgctgacttt 180
cagctggaac ttgaaggagc cccaacctg agacactatg gcca 224

<210> 33527

<211> 51

<212> DNA

<213> Homo sapiens

<400> 33527

tcttaagttt ttgctccatg atcaatgaat tatgagttaa tttttgtgtg t 51

<210> 33528

<211> 158

<212> DNA

<213> Homo sapiens

<400> 33528

taaaagtga ctcatactgg attacttttg attgttaaaa ttccctgccag gtaagaacct 60
gtctgaatcc tgtcctgcac agagtggctg gtgaggacat aaagaactat agctttgctc 120
agcttgcaag ccttgccata attttaacct taactgcc 158

<210> 33529

<211> 173

<212> DNA

<213> Homo sapiens

<400> 33529

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tgttccatt attgcaataa cttctaattc caatgccgtt gtgtgatccc attttaaaca 120
cggccagagc agtcttccaa caacatagct ctaatctagt ttcaccccca cga 173

<210> 33530

<211> 279

<212> DNA

<213> Homo sapiens

<400> 33530

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gagttctgag gymgagagga ggacagaaga aacaagaggc tggagattgt caaattcagt 120

001220-66E1550

atcccagttg gctcttgatt cttggtgaaa ccatccctca gctcctagag ggagattggt 180
agatcatgar actaattacc atccttttcc tctgmtccaa ggctactact aagtttarcc 240
caggaatcaa cagtccgagg aaattgactg caatgacaa 279

<210> 33531
<211> 160
<212> DNA
<213> Homo sapiens

<400> 33531
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cgcctgtaat cccaacactt tgggaggcca aggtgggtgg atcacaaggt caggagttca 120
agaccagcct ggccaatatg gtgaaagtcc gtctctacct 160

<210> 33532
<211> 262
<212> DNA
<213> Homo sapiens

<400> 33532
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ttttcctccc atctgcaatg tgaaaacaaa aataatacct acctcatggc attattgtga 120
ggatttaatg acaacaaata taaaagggtt aaaacaatgc ctgacattta ttaagcaaac 180
accaaatgtg gcctcatttt gatgatgatg atgatgatga tgatgacgac aatgaccatg 240
accacgacaa taatcgagcc ta 262

<210> 33533
<211> 225
<212> DNA
<213> Homo sapiens

<400> 33533
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actctatatt gtactggcac tgactttgta gattcatggt ggcacataat catagtacca 120
cagtgacaaa taaaaagaag gaaactcttt tgtcaggtag gtcaagacct gaggtttccc 180
atcacaagat gaggaagccc aacaccaccc cccaccaccc gcacc 225

<210> 33534
<211> 147
<212> DNA
<213> Homo sapiens

<400> 33534
tatcagcaca tagagagagg tttacgtaat ttctctttca atagttgagt ggaggccagg 60
cgtggtggct cacacctgta atcccagcac tttgggaggc tgagaagggc agatcaggag 120
gtcaggagtt tgagaccagc ttggccg 147

<210> 33535
<211> 376
<212> DNA
<213> Homo sapiens

<400> 33535
taaggattag gaggaataa attccaagga tttgtggtag cttggaggcc aagaggaact 60

cagcattttt	ggagttctga	gtagctgaag	tctggagtgg	gggccagatc	gtgtgaatca	120
aattattgca	ttttatsatg	tcagcagtgg	ggagcaactg	caggggttta	agcaggggaa	180
tgacacacat	gaattttgaa	ggactgctgt	agactgtatg	gagcatggat	taaattggaa	240
ctgaactgta	ggcaggaaaag	ccagttgagg	agattttgca	gtagttcatg	gaagggatga	300
taggtggctt	tgattagagc	agtagctgtg	gggatggaga	aaagtggaca	aattaattag	360
agagatttag	agacag					376

<210> 33536
 <211> 230
 <212> DNA
 <213> Homo sapiens

<400> 33536						
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ttgagtagaa	agaagaaaat	aaaaactaaa	aacattaaca	atatccacac	ctttttctat	180
caaacagcat	aacatataga	tgtttggaaa	aatataggaa	aatgtccacc		230

<210> 33537
 <211> 202
 <212> DNA
 <213> Homo sapiens

<400> 33537						
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aacctgcgcc	tcgccgtccc	ccattcgcac	acccgatgcc	cgggggtcgc	tacggacttr	120
aaatctccgc	accgcaccct	ccacctcaga	aacgttccctg	gatccgaaca	ctgccccctg	180
acgacctaga	gagatccgc	ct				202

<210> 33538
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 <212> DNA
 <213> Homo sapiens

<400> 33538						
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atgttgaaata	gatgaatgg	aagagaagac	atccttgcc	tgttcctgct	cttaggggaa	120
aagagtctag	tttctcacta	ttaactgtga	tattagctgt	agggcctttt	ttggtagatg	180
ttctttatta	agttgaggaa	attatacttt	attcctactt	tgctgagagt	taatcatgaa	240
tggatattaa	attatgaatt	atgtcaaatg	cttttttggt	gtcaatggat	t	291

<210> 33539
 <211> 252
 <212> DNA
 <213> Homo sapiens

<400> 33539						
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tactctgtga	aataagccgg	tccaaaagg	gcaaactctg	tatgtgtcca	cttatataag	120
aacagtcaaa	tctatggaga	cagaaaagg	aatgggtgtt	acaggggcag	gggaggggaa	180
ggggagtga	tgtttatggg	ggatgggttt	cagtttgagg	aggtgaaaag	ttttgtggat	240
aaagggtagt	ga					252

<210> 33540

<211> 232

<212> DNA

<213> Homo sapiens

<400> 33540

taaaaaaaaa agccattcaa gatatttcac cctggtagat attcaagctt tgtgaagtta	60
mattctgagg cactcccagg ctaaagcagt ttgttaattg aagttcctgc aacaactcgt	120
gagatggttg tttggagaac ttcagttgaa ggggaaagca tttgtcctca tattttgaaa	180
aaggctgata atttttcatt tgagaaagtc tcttttccta agaagggtga ac	232

<210> 33541

<211> 125

<212> DNA

<213> Homo sapiens

<400> 33541

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agcttaaaag tattattttg atcaatcagc actgctttca aatgcagccc actttttgct	120
ggtcg	125

<210> 33542

<211> 281

<212> DNA

<213> Homo sapiens

<400> 33542

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cttatgcaaa ctcatatagt atgtgctttg atatgtaaac ttttcttta aaatatattc	120
atatacttaa accaaataac accagcagat gcatacaaga gctacctctt gagtcatttt	180
atctcgaacc tcaattccca atgcagaata aattgctccc tcatccatgt tcccatagtg	240
ttgtataaag acctgacctc acagtcttat agttcctagt t	281

<210> 33543

<211> 208

<212> DNA

<213> Homo sapiens

<400> 33543

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taacacaatt caaatttcct ccatgggatg gggtgtttta aaaatcttgt ccttgaagtg	120
tgaagacatt ccaggaagtc agtaaagctg cagcctctta agtagctaac aatattttgt	180
ttaccacta atgaaaacca gagcaagg	208

<210> 33544

<211> 178

<212> DNA

<213> Homo sapiens

<400> 33544

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ggctggagtg cagtggcaca atctcggtc actgcaacct cggcctcctg gttcaagcaa	120
ttctgcctca gctcctgag tagctgggat tacaggcaca caccaccatg cccgtcta	178

<210> 33545

<211> 355
 <212> DNA
 <213> Homo sapiens

<400> 33545
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 tgcaccaaag tctctggtct gtttactaac agaggcaaaa ggcattgtctt aggaactggt 120
 tctgtttctg taagggtacat gaatgggtcaa acaccagtct agagcatctt attgtcaaca 180
 gcaaaataat attttgccca cctgtttgt gacattgagt tgtgacttct atattcaata 240
 gatttttgta aatgttaaaa catctatatt taaatgttaa aacactaaat atagagaggg 300
 gctttatttc aatcatagag caacaacaaa aataatgctt atagctaaac tgcca 355

<210> 33546
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 <213> Homo sapiens

<400> 33546
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 tcagccttct aagtagctgg cactaaaggc gcgccagat aatttttttt tttttttttt 120
 t 121

<210> 33547
 <211> 202
 <212> DNA
 <213> Homo sapiens

<400> 33547
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 tgaacacaca ctgtgtgtat gtatgtttgt gtatatatgt aattataaat atgaatacac 120
 tgtgtttgtg tatatgtaaa caggtacgtg tgtgtgtgtg tatatatata aatagatata 180
 tgtgaaatca ttaaaagagt gc 202

<210> 33548
 <211> 59
 <212> DNA
 <213> Homo sapiens

<400> 33548
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<210> 33549
 <211> 135
 <212> DNA
 <213> Homo sapiens

<400> 33549
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 gtgacacttc ctatagtttc cagttcctgg ttagaatttg caaagttgcc gactatttct 120
 ttgaatagag tagct 135

<210> 33550
 <211> 182
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004220" 665E1560

<213> Homo sapiens

<400> 33550

cttatatagg	caaaaggagt	taaatgtaaa	aggaacagag	atttaagtac	tataggaact	60
taaagaagg	gctatatcat	acagctggag	gggcttgga	tagctttgca	gaggcttcaa	120
aggatgtgtg	ggagatagga	gggaaggggc	agagtggaaa	aaagcatgaa	agctggcccc	180
aa						182

<210> 33551

<211> 311

<212> DNA

<213> Homo sapiens

<400> 33551

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tgtttccaac	tagacacttt	cctactaaga	tcaggaacat	ggcaaggaa	accacaccac	180
tgcttttcag	cattgtactg	gaagtgttat	ataatgcagt	gttaaaaaaa	aargaaataa	240
aatgcacata	gatttgaaag	gatgaaatac	aactttgttc	acaagtaaca	tgattgtctt	300
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<210> 33552

<211> 334

<212> DNA

<213> Homo sapiens

<400> 33552

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tggcacagag	gaagaattag	ccttgaaaga	tcccttaaat	catctgtaaa	gtacagtgtg	180
catcggaggt	catcagactt	tttctataaa	gaccatatag	taaatatttt	aagctttgca	240
ggccacctgt	ggtctctgtc	acatatgctg	ctttattttc	ctttttaagg	aaagcccttt	300
aagatgtaaa	aaccttttgt	tagctctggg	ccac			334

<210> 33553

<211> 140

<212> DNA

<213> Homo sapiens

<400> 33553

atgtgagttg	ctgcactggc	ctgcaagttt	ckatcttttt	tttcaaattt	ttttgcgtcc	60
ctcccctcta	tcccaacccc	accccatitt	gcctrgggca	ggcttctttt	tatttctttt	120
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<210> 33554

<211> 211

<212> DNA

<213> Homo sapiens

<400> 33554

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ctctggaaga	rtttgtgtaa	aattagattt	aattagttaa	ttgatttttt	tttagacaag	120
gtcttactct	cttgcccagg	ctgaagcaca	gtggcacgat	cacgcctcac	tgcagcctca	180
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001220-066E150

<210> 33555

<211> 216

<212> DNA

<213> Homo sapiens

<400> 33555

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ggcatttcta	tttgatatta	aaataacatt	tcaaacatat	aggtaagatg	tacgattatt		180
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<210> 33556

<211> 223

<212> DNA

<213> Homo sapiens

<400> 33556

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gagaaattat	cattttatgg	acaagaaatg	atgaccggga	aattttattg	gagtgtcaga	180
aaagagggcc	atcatttaaa	acattttgat	atttagccgc	caa		223

<210> 33557

<211> 178

<212> DNA

<213> Homo sapiens

<400> 33557

agagtttcac	cctaagaaga	aaggggaagc	aggtggaaaa	gcaattaaaa	aaaaatcagc	60
atctctctct	aagctattat	ctcctgttag	acacagccca	gaaaatgaat	agagacaagt	120
cctggctggg	tctgggttca	gaaacataat	agaaggattc	atctaaactg	tcggccaa	178

<210> 33558

<211> 66

<212> DNA

<213> Homo sapiens

<400> 33558

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ccaaat						66

<210> 33559

<211> 179

<212> DNA

<213> Homo sapiens

<400> 33559

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caatgatgtt	cyttkgaatc	aaatagtttt	gtaaagtcta	tacatcttag	ggactaaaat	120
gaatctcaw	tcctgcatca	caccttactg	aataattaga	ggaatggagt	acggacctt	179

<210> 33560

<211> 291

<212> DNA

<213> Homo sapiens

<400> 33560

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aaggctgtcc	cccgaccccc	tagccgctgc	ctatgtaggc	agcaccggcc	cgtccagcta	180
tgtgcacctc	atcgcacctg	ccgggaggcc	ttggatgttc	tggccaagac	agtggccttc	240
ctcaggaacc	tgccatcctt	ctggcagctg	cctccccagg	accagcggac	a	291

<210> 33561

<211> 371

<212> DNA

<213> Homo sapiens

<400> 33561

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agtataatgt	aatgaaatac	aaaaaattca	ttgctatggt	ttcaaattcc	cagtgcattt	180
aacctttaag	atactacgtg	tcaggcctct	gagcccaaac	taagccatca	tatccccctg	240
gacctgcatg	tataaataca	gatggcctga	agcaactgaa	gatccacaaa	agaagtgaag	300
atagccttaa	ctgatgacat	tccaccattg	agatttggtc	ctgccccacc	ctaactgata	360
cgatatattc	t					371

<210> 33562

<211> 387

<212> DNA

<213> Homo sapiens

<400> 33562

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gccatacttg	caaagtgtga	aaaaaagggt	cagtttgatg	gaacaaattc	cgcatttaaa	180
gagctgaagt	ttttaacass	agtgagacgt	tctcgacgtc	ttcaagagaa	aactttctaaa	240
ttgccagata	tgttaaaaga	tcattatcct	tgtgtgtcct	cattgganng	gctaaccggag	300
ttggtaagag	aaactgatgc	ttttgtatgc	cgccctaatt	cagcactgtg	ccgggtgtac	360
tatgaggctg	atacaacata	agagaat				387

<210> 33563

<211> 311

<212> DNA

<213> Homo sapiens

<400> 33563

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actgaggagg	cccagctcct	cctggggcca	ccaagcccgt	ggttgacggc	ctccccatgg	180
accgggctgt	cchgagagca	gcaagtcagc	cggggccctc	agggccgctg	aggccactgc	240
tcagtgtcgc	cgtaatggaa	acttctcagc	tgggtgtgag	cbgbaacagc	tctggttcac	300
accctgcgac	a					311

<210> 33564

<211> 169

<212> DNA

<213> Homo sapiens

<400> 33564

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aggcaagacc	cccaggtcta	cttagagcaa	agttagtaga	ggaggcagct	aggcgtggct	120
ctcattcctt	cccacagaat	ggattataag	tcgagcctga	tccagaatt		169

<210> 33565

<211> 97

<212> DNA

<213> Homo sapiens

<400> 33565

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atattttaat	ttacaaataa	atatgcaaag	aaggggg			97

<210> 33566

<211> 328

<212> DNA

<213> Homo sapiens

<400> 33566

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ctaattttta	aatacagcta	aataaggact	taggccaatc	cctgaaccaa	aaagcaaggt	120
nkgaacctta	atttactgaa	ccacaaacct	aacctcattt	tttaaaaact	gaagtgctaa	180
caactttttt	tttaacacat	atgtctagtg	aagcaatagc	aggaaccaac	acttcatggt	240
ttctaaactg	agtgaagtag	cagtagcact	gcaagatgat	ttttttaaat	ggaacttcaa	300
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<210> 33567

<211> 170

<212> DNA

<213> Homo sapiens

<400> 33567

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<210> 33568

<211> 67

<212> DNA

<213> Homo sapiens

<400> 33568

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<210> 33569

<211> 147

<212> DNA

<213> Homo sapiens

<400> 33569

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 ccctatccat ttccccaccc caaaatc 147

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 <211> 184
 <212> DNA
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<400> 33570
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 aatccattta accattgccc agaaataatt atgtgattta atatttgga ttggtgggga 180
 actg 184

<210> 33571
 <211> 113
 <212> DNA
 <213> Homo sapiens

<400> 33571
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 aaaatactaa atgggttaaaa tagacttgca ggccaatctt aaataggggtg ggg 113

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 <211> 69
 <212> DNA
 <213> Homo sapiens

<400> 33572
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<210> 33573
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 <212> DNA
 <213> Homo sapiens

<400> 33573
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 gtgagaccct gtctctacta aaaatacgaa aattggctgg gcgtgggtggc acatgcctgt 180
 ggtcccagct gctcgggagg ctgaggcggg agaatcgctt gaaccgggga ggcggaggtt 240
 gcagtgarcc gagatcgcg cactgcacgc cagcctgggc aacagagcga gactccaccc 300
 cctcccgccc 310

<210> 33574
 <211> 71
 <212> DNA
 <213> Homo sapiens

<400> 33574
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 taaacacact g 71

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 <211> 248
 <212> DNA
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<400> 33575
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 aaccattaaa atatgttctt ccttaaattc ctgtgctttt tctagttcct cttgtgtcat 180
 aaaatgttta tcctaatttt ctctctgaag tatattttat ctgaatccac atttctttat 240
 aatccat 248

<210> 33576
 <211> 66
 <212> DNA
 <213> Homo sapiens

<400> 33576
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<210> 33577
 <211> 181
 <212> DNA
 <213> Homo sapiens

<400> 33577
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 agaaggggtg aaatctagag aaccccagta agatactcca tgagaacatc atccacaaga 180
 g 181

<210> 33578
 <211> 83
 <212> DNA
 <213> Homo sapiens

<400> 33578
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 cttaccactc acctcccctt cct 83

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 <211> 308
 <212> DNA
 <213> Homo sapiens

<400> 33579
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 aaggaagagt agtcttct tcttcttctt ttttttyct tccactctta aaaagcttct 180
 ttctcttcac ccaagcctca ctgtccctct cgggtcttag ctctctccat ataaaccctc 240
 aagattatsy caattgggta ragccagccg ggaatttcgt gcgggtsctr aaggagctgc 300
 gggaccgc 308

<210> 33580
 <211> 324
 <212> DNA
 <213> Homo sapiens

<400> 33580
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 ttttaacttt tcacacttga gttaatgctg gaatgagtta aggccttttg aaacttttga 180
 acagggtgtga ttgtatttta ctgtgtgaga aggacatggg atttgggggg gtcaagggtca 240
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 gttggagggtg gggcctggtg ggggt 324

<210> 33581
 <211> 175
 <212> DNA
 <213> Homo sapiens

<400> 33581
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 agagcccca ggktttgaca cagaaccctc maccaagagt tctcaaattc ccaaatactc 120
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<210> 33582
 <211> 365
 <212> DNA
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<400> 33582
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 tctgagatcc actgagtcag ccaccactt gacttcccaa gagtctggac ctggcctcct 180
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 cttggaacat gattatgctt agaacatatt gcttagaaca cgtttatgtt ctaagcaatc 300
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 aggca 365

<210> 33583
 <211> 249
 <212> DNA
 <213> Homo sapiens

<400> 33583
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 cttgaagatc aaaatgcaaa gagagctatt acctatcaaa ttgctaaaaa taggggactt 180
 actcctagga gaaagaagat tgatcgcaat cccagagtga aacacagaga gaagttcaga 240
 agagccagt 249

<210> 33584
 <211> 189
 <212> DNA
 <213> Homo sapiens

<400> 33584

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gttcaagtga	ttctcctgcc	tcagcctccc	aagtagctgg	gattataggc	atgtaccacc	180
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<210> 33585

<211> 264

<212> DNA

<213> Homo sapiens

<400> 33585

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ctaagtctak	ccctscacc	tcccccgacc	ccaacaacaa	gccccggtgt	gtgatgctcc	180
ccttcstgtg	tccaagtgtt	ctcattgttc	aattcccacc	tatgagttag	aacatgcggt	240
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<210> 33586

<211> 128

<212> DNA

<213> Homo sapiens

<400> 33586

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<210> 33587

<211> 195

<212> DNA

<213> Homo sapiens

<400> 33587

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cgggagttca	agaccagcct	gatcaacatg	gtgaaactcc	atctctacta	aaaatacaaa	180
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<210> 33588

<211> 100

<212> DNA

<213> Homo sapiens

<400> 33588

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<210> 33589

<211> 224

<212> DNA

<213> Homo sapiens

<400> 33589

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gggtggggag ctcaagtacc ccaggrgcat gagccctgcr gccaaagytc cacaaytcyt      180
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<210> 33590

<211> 250

<212> DNA

<213> Homo sapiens

<400> 33590

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cactatcctg tttggaagag tgagggttgag agcctgggtt ggaattggtt aacaaaagta      120
atgacactga tttgggtgaa ttatgcctaa tatkatgaa taanacggtt atgcatgtaa      180
atgtcagact aactttgtat attaaagttt aaatacaaac tttattttgc acagctattt      240
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<210> 33591

<211> 337

<212> DNA

<213> Homo sapiens

<400> 33591

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tcataccaat attattcacg ttgaaaatgt ctatgaggag attttacatc agatcctgct      180
tgatgaaact ctgaaagtga taaaggaagc tgctatcttg aagaaacaca acttatttga      240
agataacatg gccttgccca gtgaaagtgt gtccagctta acagatctaa agccccccac      300
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<210> 33592

<211> 175

<212> DNA

<213> Homo sapiens

<400> 33592

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gtgaccttac ttcttctgaa ctcttaaaaa gcatggactg tctcatgaag gtaccagtcg      120
tttgaaagtg tcacatatta cattgtatta ttaggtccgt cccctaacc ccgag           175

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<210> 33593

<211> 198

<212> DNA

<213> Homo sapiens

<400> 33593

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ccatcaacat ttctgagtca ggtatacgtg ggggtctgaaa attaaaaacc tggtaacaa      180
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<210> 33594

<211> 124

<212> DNA

<213> Homo sapiens

<400> 33594

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<210> 33595

<211> 175

<212> DNA

<213> Homo sapiens

<400> 33595

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caattcccag aaattaatgg ctatgagttc ttttttgatc aactcaaact atgtcgaccc	120
caagttccct ccatgcgagg aatattcaca gagcgattac ctaccagcg cccgg	175

<210> 33596

<211> 133

<212> DNA

<213> Homo sapiens

<400> 33596

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aatctacaga att	133

<210> 33597

<211> 87

<212> DNA

<213> Homo sapiens

<400> 33597

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<210> 33598

<211> 272

<212> DNA

<213> Homo sapiens

<400> 33598

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ctaaaaagct tctctggcag cggastsagg cctgaggaaa catgctcagt catgcacatg	180
tgttgaccca tgtttcagat gcagtctgac gccaggata ttgttaggga aagaggaaga	240
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<210> 33599

<211> 179

<212> DNA

<213> Homo sapiens

001220" 656ET550

<400> 33599
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<212> DNA
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ggcctacaac tagccttaat tccctctcca gccacctctc tctagtctct ggccaratcc 180
cttacttttag ccaaatcagt ccattcattt ttcccaaaca tctggccac t 231

<210> 33601
<211> 127
<212> DNA
<213> Homo sapiens

<400> 33601
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acaccgc 127

<210> 33602
<211> 187
<212> DNA
<213> Homo sapiens

<400> 33602
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tgtgtctgaa ttgtggatca tgcagccatg gttattgtgg aactgtggaa cctgcagcca 180
tagttat 187

<210> 33603
<211> 262
<212> DNA
<213> Homo sapiens

<400> 33603
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tctctaccc aggcgccatg ttgaacatca tggtaagga aggccttcacc aatgaccagt 180
accaggagct ggctgagccg tctcaactca cctacgtcac ccgctcagag aacagcatct 240
tttttgaggt tgatgggccg cg 262

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<212> DNA
<213> Homo sapiens

001220" 556E1560

<400> 33604

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gtcagcagca	gccccggctc	ccctggggta	ggagcaggaa	cadgaacccc	tggwgccac	180
cagccaagcc	ccctgctgga	ggttttcaac	aacggtggac	tcttcatcac	ccagcacct	240
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<210> 33605

<211> 136

<212> DNA

<213> Homo sapiens

<400> 33605

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<210> 33606

<211> 329

<212> DNA

<213> Homo sapiens

<400> 33606

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<210> 33607

<211> 115

<212> DNA

<213> Homo sapiens

<400> 33607

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<210> 33608

<211> 306

<212> DNA

<213> Homo sapiens

<400> 33608

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tgcccta						306

<210> 33609

<211> 322
 <212> DNA
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<400> 33609
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<210> 33610
 <211> 224
 <212> DNA
 <213> Homo sapiens

<400> 33610
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 ctacactgta agagctgaac tagtttaaag tgattcttta gatcacttac cttattttg 180
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<210> 33611
 <211> 185
 <212> DNA
 <213> Homo sapiens

<400> 33611
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 taaccccaaa tccaagccat taactacacc tgacagtagc aattgtctga ttaatcactg 180
 gcccc 185

<210> 33612
 <211> 225
 <212> DNA
 <213> Homo sapiens

<400> 33612
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 ctacttttgg aaaattcaga ctgacacagc tgcacaggac taatcaggga ttagttttgt 180
 gaaatttcct gtcgccattt ctcatcttag tcacagcaaa aggag 225

<210> 33613
 <211> 406
 <212> DNA
 <213> Homo sapiens

<400> 33613
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tacttgctct	tcctagtggc	tcttctctgg	acttagactg	tcttgacaaa	gggaacaacc	240
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accaccagc	aagcatgcag	ttactgtgtc	ttatttctat	gacagcacia	garatgtgta	360
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<210> 33614
 <211> 157
 <212> DNA
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<400> 33614						
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aatgagttcc	ttttaggcct	gttaaatttg	agtggca			157

<210> 33615
 <211> 187
 <212> DNA
 <213> Homo sapiens

<400> 33615						
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gcaggtta						187

<210> 33616
 <211> 281
 <212> DNA
 <213> Homo sapiens

<400> 33616						
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cttttagctta	gatttcaggg	tcaagagaaa	tcattggcctg	acgtgaaagg	tagagttggg	180
cgagttggga	agttaatggt	gaaaatacag	tgtaaatgtg	gggaggcctc	ccctagcgcc	240
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<210> 33617
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 <212> DNA
 <213> Homo sapiens

<400> 33617						
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tctgaccgaa	aaggaatagg	gattccaccc	agggacccta	aagttgataa	cctttgtgtt	180
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gctctcaatg	aagtaattga	tatgaatcat	ttaattttata	gcataaattt	aagtcatdba	300
gttggtttcaa	ctagaaggat	ttgcatttta	tcccttgctc	tctattaaag	aaatttcaca	360
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<210> 33618
 <211> 274

004220" 666E7560

<212> DNA

<213> Homo sapiens

<400> 33618

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aggactaatt	actgcgacc	tttgatgtgt	asktgtttgc	atttactata	tgcatgacat	180
actactgtac	aatgaatcgc	agtgcagagt	aatgatgatt	caataaatgt	agatctatth	240
tgcatatthg	cacaacttaa	gaaataccaa	ctgc			274

<210> 33619

<211> 93

<212> DNA

<213> Homo sapiens

<400> 33619

aattaaaata	attatctcag	tcccttctta	tcaacagagt	cgtccatgga	gactatthct	60
ccccctgcc	caggcacaca	gaagccttga	ggc			93

<210> 33620

<211> 415

<212> DNA

<213> Homo sapiens

<400> 33620

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cacactaaat	gtaaattgtc	tadnnactcc	agtttaaagg	ctgaatttgt	cagattggat	120
ataaaagcaa	gatccaacta	tatgcttgcc	tacaagaaat	agtttgtaaa	caaacagggt	180
aaaagtgaat	gaatgggaaa	agatataata	tggtaaccta	gtcaaaaagca	acttgagtg	240
gctatattaa	tattaaagta	tatttgagag	caaggaatat	ttccagggat	aaagaaggtc	300
atttcattta	taatggtaaa	gaggtcagtt	aagaggacat	aatgatgtta	catgtttatg	360
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<210> 33621

<211> 170

<212> DNA

<213> Homo sapiens

<400> 33621

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<210> 33622

<211> 337

<212> DNA

<213> Homo sapiens

<400> 33622

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atcccaatca	cctgtactgt	tagctttcag	gttcttattg	gttcctccac	taaggacggg	120
ccatgagggc	aggacctta	tctgcccttc	agggcggaat	tcccagtacc	aggcacgcag	180
taggtgttcc	ataaatgttt	gctgaatgac	taaaagccca	ccccaaggaa	caaagaaaaa	240
tctctccttt	cacacacttc	ccagggcctg	ctcagtgcct	tgctctggaa	acagagcttg	300

gtgagcttcc tggggagggg ctctgcctag ggcacct

337

<210> 33623

<211> 214

<212> DNA

<213> Homo sapiens

<400> 33623

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wggtaaacct	gatgaaccag	cgccctgcaa	caggctttac	agagaatgaa	gtgctccaga	180
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<210> 33624

<211> 216

<212> DNA

<213> Homo sapiens

<400> 33624

agaggatctc	tcaggccctt	tcccctgata	tggcctcctg	ggaactgcgt	aactcagatt	60
aacaacaggc	tctggagagc	tgaacattgt	attacgtgct	cactggaaat	ttggatgtgt	120
ctttctgtga	actgcctgcc	caggagctat	gacatgagct	ttgcaagtct	tccaaggac	180
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<210> 33625

<211> 118

<212> DNA

<213> Homo sapiens

<400> 33625

aagctgatac	ttctagctga	gccacaagtg	ctgcttggaa	agggcttagg	ttgtttccag	60
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<210> 33626

<211> 177

<212> DNA

<213> Homo sapiens

<400> 33626

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acctctacct	gtggctcttc	ctctactgca	gcagagacac	tgttttcttc	ctttgttctt	120
ccmaaccccc	atgggaatat	cacagaagtg	aagtgcatt	ctcatcatgt	catatca	177

<210> 33627

<211> 102

<212> DNA

<213> Homo sapiens

<400> 33627

ttcaatattg	tataaacaat	agtgttctaa	ttaccttaaa	aaaaaataat	gaccagttaa	60
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<210> 33628

<211> 311

<212> DNA

<213> Homo sapiens

<400> 33628

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aaggggatac ttctttttct aagaaataca tcccaccata actgggtact taaaatttta	120
gttattcagc ttaggagaaa ctgtgtgcag ggaagtactg ccacttgat gacaatagac	180
ggtgtttctg tactatatga agtactaagt agttgtggta gccatgattc tgagcaactg	240
ttgccabata aagtttcttt ttttaagaaa acttgcccct gtatttgagg agataattgc	300
ttgagaagdt t	311

<210> 33629

<211> 189

<212> DNA

<213> Homo sapiens

<400> 33629

tcatctaaat atttccatat tctgtattag gagahaatta ccctcccagc accagcccc	60
ctctcaaac ccacaccaa aaccaagcat tttggaatga gtctccttta gtttcagagt	120
gtggattgta taactcatat actcttcgat gtacttgttt ggtttggtat taatttgact	180
gtgcatgac	189

<210> 33630

<211> 105

<212> DNA

<213> Homo sapiens

<400> 33630

ccagaaagtc aggggtctat aaattgacag tgattagagt aatacttttt cacatttcca	60
aagtttgcag gttaacttta aatgcttaca atcttagagt ggctt	105

<210> 33631

<211> 209

<212> DNA

<213> Homo sapiens

<400> 33631

ttaactaggc caagtgggtg agaaccagta gggtaggaag aaggatttgg atgtggaaaa	60
aatgctgagg tgtgggattc ttggcagggt agaggtgtaa gtcattggcca gtgtgtctag	120
tcaagaaaga wvgagatgat gtcagatgta gggaggattg agaaggaagc aaaggaacag	180
actatacaag ttcttatgag ccattgtcca	209

<210> 33632

<211> 267

<212> DNA

<213> Homo sapiens

<400> 33632

tatctgggct aaacttttct gttttctcta tttttttatt cttattcctg tctcattctt	60
agcatcagtt ctaaccttgc tcttatctct taattcattc ctgatcttaa ttctgagtgt	120
tcttaattta ggtcaacatg gattgtccaa ctttagataa agattataat aaggataaag	180
aaaatttggg gaaacagatg atacagaaa aattccatat gtatctcctc tcaattctga	240
tgatttctgc cacacagttt ctgacac	267

<210> 33633
 <211> 130
 <212> DNA
 <213> Homo sapiens

<400> 33633
 aattcaattc aatactgaca aacttttagct tgtagtttta cagtacattt atttttaaaag 60
 aaaaagaaaa caaaagccag acaaacccaa gttgtccagg caaataaact caaatctttg 120
 tcacgtctgc 130

<210> 33634
 <211> 311
 <212> DNA
 <213> Homo sapiens

<400> 33634
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 ctggcaaaat tggcatggga tttttctcct gaacaacttg atcatctttt tgattgtttt 120
 aaggtaattg ttaacatagc aaaatattac cattctattt caaatagaat tgattaatta 180
 gatctgtgaa ttacttttag ccaataaata cttaaataga aatcccatta aacagtctgt 240
 ggtgtgaagg aattggccca ttgttttctt ttccaacaag aacttgatgt tcattttctt 300
 aatagccccg c 311

<210> 33635
 <211> 160
 <212> DNA
 <213> Homo sapiens

<400> 33635
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 cccgaagctg cgcgctcggt cgaandmgac gaccaccccc 160

<210> 33636
 <211> 158
 <212> DNA
 <213> Homo sapiens

<400> 33636
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 ctaaaccggag gcccacaaaga tgtcaaagga aaattttgtg aggaccactg tatactacag 120
 cactctaacc gaatatgtgt catcacattg gcagaagm 158

<210> 33637
 <211> 105
 <212> DNA
 <213> Homo sapiens

<400> 33637
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 accctggcaa ctctgaatga atgtgcctga gttgacttca ctgcc 105

<210> 33638
 <211> 186

<212> DNA

<213> Homo sapiens

<400> 33638

aacacctchc atctcctacg gaaggagaag cttcttgaag ataccaaata aagccattta	60
ttctgttttc tgggataatg taaacatgcc tctgcctttt ccttcaaaag tggaattaga	120
aagctggagt gcttcttcag atggactaaa tttatgtcgt gtgtgttggt tctttttttt	180
ttttt	186

<210> 33639

<211> 124

<212> DNA

<213> Homo sapiens

<400> 33639

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tgtcctaccg gcggctgaca ggagcctgca acccaggkaa ctgtttatgc tgaggatgga	120
aggg	124

<210> 33640

<211> 157

<212> DNA

<213> Homo sapiens

<400> 33640

aaactgggtg acagagtcag aaaactcccc agctaaacac ccgtaagact tcatacaaca	60
caatactcta tactkkgatg atcacagctg ccaaggctac ctaaaagaag acagttawtc	120
tcatatttgg ctgccagctt tttatcttcc tctcgac	157

<210> 33641

<211> 301

<212> DNA

<213> Homo sapiens

<400> 33641

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tggatacatg agacaggagt tcagaggaag gattaggact ggagattcaa actctgtttt	120
tattttctgca tatgtatttt ctttacagca taagcctaca gggtagaag aatgaactct	180
gagaatgttt ggaggtaa atacatgtcc catattatat gatgatgaac atgcaagtac	240
tggtctcaat tcagtctgct attttttaaa attccctgat atacattgca aagaggtacc	300
t	301

<210> 33642

<211> 164

<212> DNA

<213> Homo sapiens

<400> 33642

taagaaaaaa tcaaatcgaa gtcagcctgc tggaaaagtg atcacatggc agttgcagta	60
acttgtatgg aaagagaaaa tgcaatgagc ccagttactg cacttgccac taccatgctg	120
tccatggaac gaataatcag cagttcagtt gtcacaagcc gccc	164

<210> 33643

<211> 249

<212> DNA

<213> Homo sapiens

<400> 33643

ataaaactggc atgttctgaa agaatcactc tggatgctgt gtggagaaaa cactgaaaag	60
ggggagaata attgactcca ttcaagtgtt cgctcctgtt tcaatcaact atggctgaag	120
agtgakvaga catttggaat aaatatggct tctggggggc cattcctatg gatcagcagc	180
tggcttctgg aggcccatc ctgtgaatcg tcgatctcat agaagataat attgttagaa	240
ggcataccc	249

<210> 33644

<211> 178

<212> DNA

<213> Homo sapiens

<400> 33644

cagaatttca tgtgatagaa cacttaaaag tctgcctgtg cacatgtatg aatatgcatt	60
agggagaagt aaaagagtga cctgaaaatc ttcctaaagt aatattatct agaaagtgtg	120
agaggtttaa ctgtggctaa caagatttcc tgaagataaa atgttcctgg ggccttgg	178

<210> 33645

<211> 191

<212> DNA

<213> Homo sapiens

<400> 33645

taatgtttta ttttgcata taatttctac attgtccctg agtgtcagaa ctataattta	60
ttccatttct ctctgtgtct gtgccaagaa acgcaggctc tgggcctgcc ccttgcccag	120
gaggccttgc cagcctgtgt gcttgtggga acaccttgta cctgagctta caggtaccaa	180
taaagaggct g	191

<210> 33646

<211> 189

<212> DNA

<213> Homo sapiens

<400> 33646

gaatatttat tcatggcgat taattaaatt atttgcctaa cttaagaraa ctactgtgcg	60
taactctcag tttgtgctta actccatttg acatgagggt acdvaagaga gtctgagttt	120
acctgtggaa tatgttggtt tattttcagt gcttgaagat acattcacia atacttggtt	180
tgggaagac	189

<210> 33647

<211> 328

<212> DNA

<213> Homo sapiens

<400> 33647

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gaattggata cttgtgtctg cctttgaggg gctttcaata tagtaaggga ggtaaggagg	120
taaacaaaga ctgtaataga ggctgaccag ggtgttgcca aacagaagaa gcagtatgta	180
acttttagagt cagagatgat ttcataaagg agcagttacg aggggcagag ttcaggtaga	240
caaaatgaga aggaaagaac atgcaaacag aataanhna atgtgcaata gtataatgta	300
atttgaaga acatggctgg ttcgggga	328

<210> 33648
 <211> 253
 <212> DNA
 <213> Homo sapiens

<400> 33648
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 tggcaaaaat ttgttgaatc ctatcacctt taaatgggtt tactaacagt ttcaaaattt 120
 aaaatttttg ggttgaagtg tgggccaagc taaggtaatt ttggttaagcc taaacacact 180
 cttaaattg acgatcaca atgcagttct aatgtagcac ttaatggcat caatatttac 240
 acctaccgcg ttt 253

<210> 33649
 <211> 126
 <212> DNA
 <213> Homo sapiens

<400> 33649
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 atcactacgt gtccaccttc ctgtcgggag tcatgctgac gtggcccgac ggtctcatgt 120
 acacag 126

<210> 33650
 <211> 174
 <212> DNA
 <213> Homo sapiens

<400> 33650
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 atagagacac aaaaaaccct tcaaaaatta atgaatccag gagctgggtt ttgaaagga 120
 tcaacaaaat tgatagaccg ctagcaagac taataaagaa aaaaagagag aaga 174

<210> 33651
 <211> 436
 <212> DNA
 <213> Homo sapiens

<400> 33651
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 ccccaagtgg aggttgtggg aaccccaact tgaagccagt tggtcagaat ttccagacac 120
 ccagagttac aactgggtgc tgggaggtgg ggcagttttg gggactgagc ccctcgacct 180
 gtggcatcta acactatcta cctggagaca gtagatagtg ggcaacatgg tgagaccac 240
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 tagcgtgtgg gaaaaactct cacacatttg gtcacagdag tcttcttatg tgktgatgat 360
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 atgtaatgct atcata 436

<210> 33652
 <211> 136
 <212> DNA
 <213> Homo sapiens

<400> 33652

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 atccatttat agccgc 136

<210> 33653
 <211> 315
 <212> DNA
 <213> Homo sapiens

<400> 33653
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 aataacaaat tgagtatacg tgtagataga aatacagata cagcatacat acatactata 120
 tgtattttaga aaacacatat gtttacatat gtaattaaga aaaaataggc cgggtgcggt 180
 ggctcatgcc tgtaatccca gcactttggg aggccaaggt gggcggatca cctgagatcg 240
 ggagttcaaa acccgcttg ccaacatggt gaaaccctgt ctctactara aaatacagta 300
 attagctggg cgtgt 315

<210> 33654
 <211> 230
 <212> DNA
 <213> Homo sapiens

<400> 33654
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 gtaaggtcag agaggttggc agggcatgcc cctaggggat cttgtttgga ttagacctta 180
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<210> 33655
 <211> 128
 <212> DNA
 <213> Homo sapiens

<400> 33655
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 aaagatggta aaaacaatgt agccatagct gtaacgtata accatgatgg gtcttatagc 120
 atgccgga 128

<210> 33656
 <211> 391
 <212> DNA
 <213> Homo sapiens

<400> 33656
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 atatagcatt gggcaaaaaa gattaaaaaa atttctccct tgtgtggagt gtaccttctg 120
 gtggagaaaag gctaaccaaa taaataagta aatagcatat taagtaatga tagttttctg 180
 gagaaaagca ggaaagtggg ataggagagg tttcagtttt aaacaaaatg atcagacgag 240
 gtgacatttg aacaaatatt tgaaggaggt gaaggaataa gcnnngccta gaacattcta 300
 ggcaacagaa atagcaagnn aaaggccctg aggttgagg gtgttanggc aagtgaggag 360
 gccagtgaga ttggaatgaa gtgagggggc a 391

<210> 33657
 <211> 217

<212> DNA

<213> Homo sapiens

<400> 33657

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tttaaccaga aattaaaata tcaccctttt cagccctccc atgaagaatt tctaggtcat	120
aaacatgaat aatactcagt atatgtataa tatcatattt aattgttgca acttttcttg	180
gcgtgtttta atcctcatgt ctttgaggga tcccacc	217

<210> 33658

<211> 269

<212> DNA

<213> Homo sapiens

<400> 33658

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aaattttcca aaacttttct ccatttttaaa aaggccctgt tataaacgtt gaactttcac	120
aatgttaaaa tgtaaataat ttggatatag caacttcttt tctcttcaa tgaatgccaa	180
gatttttttg tacaatgatt aataaatgga acttatccag agaaaccacg caaatgcct	240
gcccaatttc gtttgaggac agaaagccc	269

<210> 33659

<211> 141

<212> DNA

<213> Homo sapiens

<400> 33659

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aaggagtgcc tataatttgc cagtagccac agrttaaaga ttatatctta tatatcagca	120
gattagcttt agcttagggg a	141

<210> 33660

<211> 195

<212> DNA

<213> Homo sapiens

<400> 33660

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ccactgcact ccaacccagg tgacggagcg agaccctgtc tcttaaaata tkttttttac	120
agtgcatttt catgtgtttc aacctcctag tgtccctgcc aaaaatattt taatctgaat	180
caaatcatgt gaaac	195

<210> 33661

<211> 330

<212> DNA

<213> Homo sapiens

<400> 33661

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tgaaggagag tgaagtgatg gaatgatcct agtaaaggga taatgggagt ggaggaagag	120
aagagggggt ggaaaactag atacatggct accaaattaa ggaggcacgc gcattccaga	180
ggaatcgga ttcttcctca ctttttattt ttctagaaaag caccctgaa gccaaatttc	240
cattggaaga aaagatgtac ccatattgta tgttgtgaga aggggttgtc tcagcttggg	300
mvggtaagga gactgatacg aaggaggtcc	330

<210> 33662
 <211> 377
 <212> DNA
 <213> Homo sapiens

<400> 33662
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 ttgtcattgc ttctagaccc tttcagtggg cagaactaag aaatatgttt aaaaagaacc 120
 gtgagttcat gttattttctg attcagatgt aatattagag agactttttt ctgactctgt 180
 tagcctttta attttccaaa tctaagggac cttgtcggta tcatggcccc atcaaattga 240
 gatacacatt gttactttaa taggcagata aatagtttca tccattcatt attgagcatg 300
 tactctgttc taggtattgt ttgggggatac agaacagaat caaatgcata ccttgcttcc 360
 agaagcttgt agtcttt 377

<210> 33663
 <211> 232
 <212> DNA
 <213> Homo sapiens

<400> 33663
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 gcttttttta tttttgctgc ggatctccta ttacaaatgg actccattat gagattcttc 120
 ttctttgttg gtgtattaaa taaacatatt accttatttt aagtttcgat aaaatactgt 180
 ggaagacttt gccaaatttt atatgattgt gacaagtttt ttggggtagg at 232

<210> 33664
 <211> 67
 <212> DNA
 <213> Homo sapiens

<400> 33664
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 ggccacg 67

<210> 33665
 <211> 307
 <212> DNA
 <213> Homo sapiens

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 ggcacgtgta ctcccaagtc tgcttggtga tccttgaaag caaggggtgag ccataagcat 180
 tgcacctttg agagaactgg tcaaggctca attggaataa tctggagaag cttttctaca 240
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 ccagta 307

<210> 33666
 <211> 85
 <212> DNA
 <213> Homo sapiens

<400> 33666

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agcacccaaa acctctTttt tTttt 85

<210> 33667

<211> 227

<212> DNA

<213> Homo sapiens

<400> 33667

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caataaatta ttgctTttcaa tggattgtgc atctgaaaat attcaaatat tkatgcacat 120
ttctcctgcc acaagtTcta aattggagaa aaataaaaaac aaaacagTtt tccaatattt 180
cacattcaaa ttttaattact cagtaattta aaaaaattcc atccaca 227

<210> 33668

<211> 238

<212> DNA

<213> Homo sapiens

<400> 33668

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atgcaagtcc cttggTccat attaaagcac tatgtatagc atattcataa ttttctTttt 180
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<210> 33669

<211> 412

<212> DNA

<213> Homo sapiens

<400> 33669

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ttggtaatta aaattTttaga aatgattTtt agctctaggc cactTttacgc aactcaattt 180
ctgaagcaat tagtggtara aagtattTtt cccactaaa aaactTtaaa acacaaatct 240
tcatatatac ttaattTaat tagtcaggca tccattTttgc cTtttaaaaca actaggattc 300
cctactaacc tccaccagca acctggactg cctcagcatt ccaaatagat actacctgcn 360
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<210> 33670

<211> 297

<212> DNA

<213> Homo sapiens

<400> 33670

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ttcccattga gtttcagata aagcccaaac tcctatccat tcttcccagg tgtgatgggg 180
caccctgcc tccagcctcc tcattcccac ttttctcact atgttggtt tctgttaggt 240
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<210> 33671

<211> 142

<212> DNA

004220" 666ET560

<213> Homo sapiens

<400> 33671

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<210> 33672

<211> 73

<212> DNA

<213> Homo sapiens

<400> 33672

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<210> 33673

<211> 260

<212> DNA

<213> Homo sapiens

<400> 33673

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aattgcccaa gtyyyccgggt aatgtcttta tcagcagcgt gaaaacggac taatacagat	180
gcccattggc tgctctggaa aacaattgct tatcgaactc tacaccaggc caagggcact	240
gagccatccg cccccagcac	260

<210> 33674

<211> 130

<212> DNA

<213> Homo sapiens

<400> 33674

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<210> 33675

<211> 382

<212> DNA

<213> Homo sapiens

<400> 33675

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tgacagggag cagacttgcy ccaaagtwag ggscrtytga ggaaacgctc ggarggggtt	180
dgggaccctc ctgagaaaag cggctgtcca agggaggggg ctcttgaga gatgaggagc	240
agcaggtctt cggagggctc gacgagtaga gatcttgac cgctggggg aagaaccgga	300
gtccctgcg ccccatagc tgagctggga tgggagaccc aactggcctg gccgctccgv	360
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<210> 33676

<211> 70

<212> DNA

<213> Homo sapiens

<400> 33676

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aaaaaaaaaa 70

<210> 33677

<211> 261

<212> DNA

<213> Homo sapiens

<400> 33677

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aamgmctcgd ttcmaggmtt gtgactcaac aaagggcttt tccattgata gaagcagttt 180
gggatttgta gttgcgactt cttcgatagt tacctgcacg tccattgctg gcaactgact 240
tgtcattaaa acctggctcc g 261

<210> 33678

<211> 68

<212> DNA

<213> Homo sapiens

<400> 33678

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<210> 33679

<211> 437

<212> DNA

<213> Homo sapiens

<400> 33679

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tgcggatttg ggttctgccg tgaaacagct tcaggagttc attcctaaca tcaaggacag 180
ggccaccagc acaatcaagc ggadntaccg ggacgacttg gaacggttta aggaatttaa 240
agcacaaggt gtcgctatta aatttgcaa gttttctgta aaggaaaata agcagttaga 300
gaaaaatgtg gaagactttc tagccctgac aggattgag agtgcagaca agtcctgta 360
cacggacaga tatctgagg aaaaatctgt gatcaccaac ttaaaaagga gatactcggt 420
tagattacac attgga 437

<210> 33680

<211> 125

<212> DNA

<213> Homo sapiens

<400> 33680

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gaaaacaagg tacattttcc ttaagagcac tttttgactc agacagcaat atttttttt 120
ttttt 125

<210> 33681

<211> 296
 <212> DNA
 <213> Homo sapiens

<400> 33681
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 cggtcttttg cagtgggtcta ccatcacggc aacagtgcga cgggcggcca ttacactaca 180
 gacgtcttcc agatcgggtc gaatgggtgg ctgcgcacgc atgaccagac agtcaagggtg 240
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<210> 33682
 <211> 184
 <212> DNA
 <213> Homo sapiens

<400> 33682
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 ctccatgcaa agaattgata tgcttttaga aaagcctttt gaataaaaagt actcactttt 120
 tccaggaatt tacattaaca awtttatgty cttctaagag acattactaa taatatctgc 180
 aaag 184

<210> 33683
 <211> 71
 <212> DNA
 <213> Homo sapiens

<400> 33683
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 caaaaaaaaa a 71

<210> 33684
 <211> 315
 <212> DNA
 <213> Homo sapiens

<400> 33684
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 acatgtgttt tcatttctct tgggttgatg cctcggartg aaattgctga gtatagtaaa 120
 gtttatggtt aamcttttaa agaaattgsc atactratat ccaaagtggc tataacattt 180
 tatattccca ccagttatgt ataaggattc cagtttctcc akrtcctcaa caacacttga 240
 tgtcaatcat tttttagtag gtatctcatt tgagggtttt atttatattt tctaattggtg 300
 ttgascctt ttcat 315

<210> 33685
 <211> 87
 <212> DNA
 <213> Homo sapiens

<400> 33685
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 tgaatcgatc aggtcgcgtg cagtggc 87

<210> 33686

<211> 71
<212> DNA
<213> Homo sapiens

<400> 33686
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tttttttttt t 71

<210> 33687
<211> 208
<212> DNA
<213> Homo sapiens

<400> 33687
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gcctgagagg agaacatgaa taggctggaa tttccttcatt tgtgttcgtt ctctgaggat 180
gacttatctg tcctccaaag tgacccca 208

<210> 33688
<211> 73
<212> DNA
<213> Homo sapiens

<400> 33688
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gaacgggacc gga 73

<210> 33689
<211> 438
<212> DNA
<213> Homo sapiens

<400> 33689
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gggcattcca actactggtg gaaaaaataa ataaatacaa gggggtccat gctgtgagta 120
gttgaaatga aaatactggw gttttgatgg gattaattca gtacatttat nrtagactaa 180
ttcacccaaa atcaacttct aaaaccagtt tgccttaact cacttaactc aatttcagtt 240
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gatacagkgg ctcatgcctg tatcccagca ctttgggagg ctgaggcggg tggataattt 360
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acaaaaatta gccaggca 438

<210> 33690
<211> 122
<212> DNA
<213> Homo sapiens

<400> 33690
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gt 122

<210> 33691

<211> 352
 <212> DNA
 <213> Homo sapiens

<400> 33691
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 atatattgca tggtttgagg ttaggaggag ttaggcawat gttttgggag aggggtactt 180
 aattataaaa tattgccttc tttcagcag accttcccca ccttccttta acttattcag 240
 gctagccaac dgaccttcct cctgagaggc ttgttggttc tgattctatt cagttttacc 300
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<210> 33692
 <211> 169
 <212> DNA
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<400> 33692
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 aggaaagatt ggcagtgggg tttgctcttt gccagcactc ctgccggtta 169

<210> 33693
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 <212> DNA
 <213> Homo sapiens

<400> 33693
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 gaahcayagg cycckttamc tacccttttt cattagcctt actttcctct tgcattttat 180
 ccttccaaat agaattcttt gtgcttctct agggagattc cctttgtgtt gaattttatg 240
 agtagtgtaa attgtgtggg ttgcatcata aaacaaagtg cgaacacaca cacaaggtct 300
 tattmgatga rscaagttcc taagmactgt 330

<210> 33694
 <211> 309
 <212> DNA
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<400> 33694
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 tgatccgcct gccttggcct cccgaggtgc tgagattaca ggogtgagcg ctgtgccggg 120
 ctggtctcat tttaccaac acttgacac ctctagtact tggctttaca agccctagac 180
 tttatcatcc aagttaacac aacagaccct gttgtcctgg cctcaggaca gccatcatcc 240
 tgcttggtta aaaataaagg cagcactcat atagtgtaga attagtattc ctaccatgag 300
 caggggacac 309

<210> 33695
 <211> 345
 <212> DNA
 <213> Homo sapiens

<400> 33695

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ctggaaaaaa	agatagcaga	agatctgata	aacttaacaa	tgggggatct	gatagccctt	120
gtgacttgaa	atcaccta	gcatttagtg	aaaatcgcca	ggactatttt	gattatgagt	180
caaccaatcc	atttacagca	aaattcaggg	cttcaaata	aatgccatct	tcaagaaata	240
ctttgctgac	ccctgcagta	gctgaatgga	gaggatcttt	gagatgggca	gagctttttc	300
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<210> 33696

<211> 359

<212> DNA

<213> Homo sapiens

<400> 33696

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cttccttccc	acactagcct	ccctggggta	tcgctgaggc	agcctggcct	gcaccaggt	180
tccctcacc	cctgccacat	ttctctcttc	tccctcacgc	caactttcct	tttcgccctt	240
ctctctcttt	ctcacatcct	agagacgggc	tttaatacgc	attaaccctg	tgctgccaca	300
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<210> 33697

<211> 287

<212> DNA

<213> Homo sapiens

<400> 33697

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ttccaagtcc	tggcatctca	atgcatctgg	gaagctacct	gcattaagtc	aggactgagc	120
acacaggtga	actccagaaa	gaagaagcta	tggccgcagt	gattctggag	agcatctttc	180
tgaagcgatc	ccaacagaaa	aamgaaaaca	tcacctctaa	acttcaagaa	gcagcctggt	240
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<210> 33698

<211> 254

<212> DNA

<213> Homo sapiens

<400> 33698

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aatgtttt	cattctactt	gtagaggtct	tttacctcct	tgattagctg	tattccttagc	180
tattacatt	tccttggtggc	tattgtaagt	gggattgggt	tcctgatttc	actctcagct	240
tgaactttt	tttt					254

<210> 33699

<211> 331

<212> DNA

<213> Homo sapiens

<400> 33699

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agdsrttatg	tagtataaag	tgctacttag	aaccttcatt	cagggttttta	cagataaaat	180
atatatttva	tgcccactac	cattttttatg	ttgatatgga	ctttccagtt	atttgggtca	240

001220" 0657560

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<210> 33700
<211> 144
<212> DNA
<213> Homo sapiens

<400> 33700
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attttctagt aagttcaatg tctagacttc ctcaggwata gtttctttat tttatttctt 120
taaataaggcc atacttcgct gtct 144

<210> 33701
<211> 60
<212> DNA
<213> Homo sapiens

<400> 33701
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<210> 33702
<211> 57
<212> DNA
<213> Homo sapiens

<400> 33702
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<210> 33703
<211> 129
<212> DNA
<213> Homo sapiens

<400> 33703
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agagagaga 129

<210> 33704
<211> 118
<212> DNA
<213> Homo sapiens

<400> 33704
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<210> 33705
<211> 187
<212> DNA
<213> Homo sapiens

<400> 33705

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aattcagctc ttgagagcat tctgctcttc tttagatggc tgtaaatacta ttggccatct 120
gggcttcaca gcttgagtta accttgcttt tccgggaaca aaatgatgtc atgtcagctc 180
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<210> 33706

<211> 98

<212> DNA

<213> Homo sapiens

<400> 33706

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cagacatgta tgaactagct acattttttt tttttttt 98

<210> 33707

<211> 297

<212> DNA

<213> Homo sapiens

<400> 33707

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cgtctctact aaaaatacaa aaaattagcc aggtgtggtg gcaggcacct gtaatcccag 240
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<210> 33708

<211> 282

<212> DNA

<213> Homo sapiens

<400> 33708

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ttgggtatt ttgcatgatt agggatgttc tggccagggtg tgggtggctca tgctgtagt 180
cccggcactt tggggggcca gggcgggcgg attgcttgag ctgaggagtt tgagaccagc 240
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<210> 33709

<211> 173

<212> DNA

<213> Homo sapiens

<400> 33709

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<210> 33710

<211> 365

<212> DNA

<213> Homo sapiens

<400> 33710

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ctatgtcaca	gctgactttg	agctaaagtc	atctcggggc	agctaggtgc	ctatgtgagc	240
tggcgttcat	ttctcactgt	ttctccttcc	aaatacctcc	aggaagaaaa	gcaagtcctt	300
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gggga						365

<210> 33711
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 <212> DNA
 <213> Homo sapiens

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gcaaaattta	gtgtgctctt	attttaacaa	catgtaaatt	tgcaagtttt	attttttagg	120
aaattaatac	aatatttagc	ttttgtttct	aggctacc			158

<210> 33712
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 <212> DNA
 <213> Homo sapiens

<400> 33712						
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aatatcaatt	tgattttgtg	tagcaaagga	atakktatt	tttctcccta	gtaatgaaac	180
gtatcaattt	aaataataaa	aggtaaaaaac	acacac			216

<210> 33713
 <211> 288
 <212> DNA
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<400> 33713						
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gttctccctg	aagacgcttc	catttctgct	cttactccat	gtgcagattt	ccaaggcctt	240
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gtaaatgggt	tgccatggaa	taagcctttt	gtgacttaag	atatttggtt	ctggatttca	180
gttgcttcat	ccttaacacg	ttatgttgaa	tctctgagag	gttttttctg	gacctaatgt	240
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<211> 267

<212> DNA

<213> Homo sapiens

<400> 33715

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tctgcaagca	acagatttag	caatgacaag	tcagctacat	gaccgatgga	cdttctgaag	180
ctaaagacca	cacctgaatc	agggctgtgg	taatcatctt	accatagctg	taaattgtat	240
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<210> 33716

<211> 149

<212> DNA

<213> Homo sapiens

<400> 33716

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<210> 33717

<211> 424

<212> DNA

<213> Homo sapiens

<400> 33717

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agaagtgtgg	gttcctggga	ccagcatcat	tggtgttacc	tgggagcctg	ttagatctac	180
agaatctcag	gcctcaccct	agacctatag	gatcagcata	ttctggaagg	agggccctgc	240
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agtgcatagt	gatctagtgc	gttaagctca	tggacttcca	ccagaataaa	atcaggactt	360
acctcagtgt	aaagctctca	gggccaagcc	tgtgtcatca	ccagcaccct	atgattgtct	420
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<211> 142

<212> DNA

<213> Homo sapiens

<400> 33718

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<211> 287

<212> DNA

<213> Homo sapiens

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 <212> DNA
 <213> Homo sapiens

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 <212> DNA
 <213> Homo sapiens

<400> 33721
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 <211> 420
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 <213> Homo sapiens

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 gtgttaccca gataccagaa gagacttctc tgtctgttgg agattttaagt atacattttc 180
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 <212> DNA
 <213> Homo sapiens

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 <211> 136
 <212> DNA
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atgcttgagg cccgac 136

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<211> 243
<212> DNA
<213> Homo sapiens

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agmcacatgc acacgwatgt ttattgcggc attattcacg atagcaaaga cttggamcca 180
hccawatgt ccaacaatga tagactggat taagaaaatg tggcacatat acaccatgga 240
ata 243

<210> 33726
<211> 378
<212> DNA
<213> Homo sapiens

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kgmatrcaag tggagtatta ctgaagagta caccattggc cttagctatt tttttctctt 180
cctgcagtcc tcttctgccc atgttttcct atacacagca actataaggt gctgaagaca 240
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<210> 33727
<211> 166
<212> DNA
<213> Homo sapiens

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agtctggtgt cagatgggat ggcgccgga gagggtgcca cagcgg 166

<210> 33728
<211> 393
<212> DNA
<213> Homo sapiens

<400> 33728
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gggtcaagatc tgccctgcagc tcagccccag cctcctcagc tttctgcagc tgagcctcca 180
gacctacatt tgggagctga tccgtcttgc tctcagttag ggcccagccc ttctgtgggg 240
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<210> 33729

<211> 277
 <212> DNA
 <213> Homo sapiens

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 attaaagaaa aatctattta ccttcgctta tggaaaagaa acbactgtaa tcacagggac 180
 taccagaata tttcaagaaa tgggtgcatct tcccgaacc tgaagaaatt tatagaaaag 240
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<210> 33730
 <211> 408
 <212> DNA
 <213> Homo sapiens

<400> 33730
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 ttttcccaaa tcttgggtctt aggcagtgtc gtgggagtct tccttagaat tgccttgtga 180
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<210> 33731
 <211> 231
 <212> DNA
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<400> 33731
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 aaccctgcct caaccaaaaa taamataagg tagccaggca tgggtggcacg cacctataat 180
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<210> 33732
 <211> 86
 <212> DNA
 <213> Homo sapiens

<400> 33732
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<210> 33733
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 <212> DNA
 <213> Homo sapiens

<400> 33733
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tgatctactg	tcttaggggt	ggcagaggca	gaagaaaatt	cacatatagg	tagacctgtg	240
tggttcaaac	tgtcattaag	ggtcacctgt	atataatttc	tttttccttt	ttatttttag	300
tagagacagg	cttttgccac	gttgcncaag	ctgggtctcaa	actcctgagc	tcaagtgatc	360
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<210> 33734

<211> 148

<212> DNA

<213> Homo sapiens

<400> 33734

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cttgtaaata	aaattatata	tgggagaa				148

<210> 33735

<211> 298

<212> DNA

<213> Homo sapiens

<400> 33735

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<210> 33736

<211> 188

<212> DNA

<213> Homo sapiens

<400> 33736

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cactgtcatc	tctctccctg	ccaagtcacg	cacaaaaaag	cccacaacac	cacctgctca	180
gaaaaggc						188

<210> 33737

<211> 196

<212> DNA

<213> Homo sapiens

<400> 33737

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gcgctctgaa	ctttctgatt	atcagatctt	atgtgtttgc	taatataata	aataacaaat	180
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<210> 33738

<211> 190

<212> DNA

<213> Homo sapiens

<400> 33738

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ttgavtagma	gatggagggc	aagatgatat	tctcactagg	ccagtatgtg	ggamtataaa	180
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<210> 33739

<211> 299

<212> DNA

<213> Homo sapiens

<400> 33739

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cactaaaggg	ctttctgtca	atgatttcta	ctccggtttg	gagagctcgg	gatggcttcg	180
ccatatcaaa	gctgttatgg	atgctgcaat	cttcttggcc	avagtaatac	tttatctkct	240
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<210> 33740

<211> 208

<212> DNA

<213> Homo sapiens

<400> 33740

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aagtcaatac	atthttcaatt	actgtaattt	kttaagatct	tctgaattgc	acctgccaac	120
aatthtttaa	ggaatgtgaa	gaaacgttag	acaagaaaag	tccattagag	aacatttcta	180
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<210> 33741

<211> 88

<212> DNA

<213> Homo sapiens

<400> 33741

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<210> 33742

<211> 287

<212> DNA

<213> Homo sapiens

<400> 33742

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cagcgtaaca	tttcaagagt	ctaaagggtg	ccgggtgtgg	tggctttaat	cccagcactt	180
tgggaagccg	aggtgggcgg	atcgccctgag	gtcaggagtt	cgagaccagc	ctgaccggcg	240
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<210> 33743

<211> 234

<212> DNA

<213> Homo sapiens

<400> 33743

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cagcctggac	aatatgatgr	aaccccatct	scaacccaaa	aattagctgg	gcgtgggtggc	120
aggtgtctgt	agtcccagct	acttgggagg	ctgtgggtggg	aggatcgctt	gagcacggga	180
ggcggagggt	gcagagagcc	gagattgsac	cactgcattc	caggccgggc	aaga	234

<210> 33744

<211> 70

<212> DNA

<213> Homo sapiens

<400> 33744

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<210> 33745

<211> 73

<212> DNA

<213> Homo sapiens

<400> 33745

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<210> 33746

<211> 169

<212> DNA

<213> Homo sapiens

<400> 33746

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gacacaaaca	gtcatattac	caagcacaag	rcagtaatag	tttggtatgc	tataaaagcc	120
ttgaatattc	tctccatttt	taagaagtga	gattcatact	agaaaaacc		169

<210> 33747

<211> 83

<212> DNA

<213> Homo sapiens

<400> 33747

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					cac	83

<210> 33748

<211> 144

<212> DNA

<213> Homo sapiens

<400> 33748

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gatggtcttg	atctcctgat	ctcgtgatct	gcctgcttca	ggctcccaaa	gtgctgcawt	120
acaggcgtga	gccaccgtgc	cctc				144

SECRET

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gaattgtgga	gtgtctatct	taaaatatta	gggttttttg	tattcttaac	tttaaccaca	120
agaggctctc	aaaggatttg	atattttgtg	aattactggt	taatggttac	taaaatcttt	180
acatttcttt	ttatatctga	aagtacaggt	ttatttactt	tgtatcatat	tgtgacttag	240
aacaaatatt	agagatgata	gtaatctaaa	attattactc	ctaaataatg	gtacactatc	300
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<400> 33750

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cacaagtaaa	ataaaaattc	ttttttttta	ctgtcactaa	ttttaatttt	caaattattc	240
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<400> 33751

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attgagcacg	tgaggtgaga	ttttttttct	ctgatggcat	taactttgta	atgcaatatg	180
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cgacg						245

<400> 33752

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 <212> DNA
 <213> Homo sapiens

<400> 33754
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<210> 33755
 <211> 256
 <212> DNA
 <213> Homo sapiens

<400> 33755
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 atacayaaaa tgaaatagca tataaacaga aaatcagaac tgagaaaaaa gggtgcacat 180
 gtgttgattt taattcagat ttgcttcctg tktttattga tgcctagtgc aaaatgacaa 240
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<210> 33756
 <211> 430
 <212> DNA
 <213> Homo sapiens

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 gtttatataa tctctgtata gctcactttc cttatctgta agcaagttaa tagttgtcag 180
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 gtttttacat ctttaccttt ctttcagatt cctagcattt tccccacata tgtgcaatgt 300
 gactatgtat tgatcattct tgaattaaat cattctgktt gaattaggat cattctktcc 360
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<210> 33757
 <211> 317
 <212> DNA
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 aaaaacaaac gtagtgtntg ggatctgttt ggagactggg atgggmacaa gttcattttac 240
 ttaggggtca gagagtctcg accagaggag gccattccca gtccctaata gcaccttcca 300
 gagacaaggc tgcaggc 317

<210> 33758
 <211> 232
 <212> DNA
 <213> Homo sapiens

<400> 33758

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cagcctggac	aatatgatga	aaccccatct	ccacaaaaaa	ttagctgggc	gtgggtggcag	120
gtgtctgtag	tcccagctac	ttggggaggct	gtgggtgggag	gacgcttga	gcacgggagg	180
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<210> 33759

<211> 225

<212> DNA

<213> Homo sapiens

<400> 33759

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gctgggcgag	aggtgccaag	ggagcttctg	tcccaggagc	caggggatgc	gaaggggcaa	180
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<210> 33760

<211> 355

<212> DNA

<213> Homo sapiens

<400> 33760

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tctccttgct	gtgtctggaa	ctcttccac	tgctatcatc	tagttttgcc	tcttttcaac	180
tcttgtcata	atttctttcc	cagcggtctc	acttcttcad	rtctctctac	acccctctc	240
tatgcttttc	cagatttgca	aaacacagat	ctcatcaggc	aacaccttaa	aatccttdgt	300
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<210> 33761

<211> 392

<212> DNA

<213> Homo sapiens

<400> 33761

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ggggcttggt	tgaattttat	gctttcgggc	agccttttct	aaaatgtgtc	ctaaagaata	180
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tctgtatatt	agcatatatt	agtaccttaa	agagaagtaa	tgacgtatgt	tccaagctaa	300
tttggttaat	gtccaagaac	ctagtgttct	gagcagggra	attctgaana	nggggraatt	360
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<210> 33762

<211> 58

<212> DNA

<213> Homo sapiens

<400> 33762

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<210> 33763

<211> 361
 <212> DNA
 <213> Homo sapiens

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 attttgata atatgccagg ccctattcta ggcacctga atatattgtc ccttttaatt 180
 ctgttaaatg ctctgaaaat attttattat gttcctttta ccaataatca ttttttagtca 240
 gcaaaactat ctatgattta agagctctgt agatgttggg ctaagactca tgagtgttg 300
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 t 361

<210> 33764
 <211> 406
 <212> DNA
 <213> Homo sapiens

<400> 33764
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 tggctgcca aagtgtctgag attacaggca tgagccacca tgttgggctg agtcttaaca 180
 cattttcggt acattttatt ccagggtatt catctctttg cagtcttaat gaggtatttt 240
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 attaatgttg ctaccagcca tcttacagga ttttctttat gtttttytta ttatttcagt 360
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<210> 33765
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 <212> DNA
 <213> Homo sapiens

<400> 33765
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 ggaaacaatt acagtggcaa aagagaacaa gaggtacct ttagtatca atctatctgt 180
 acacttaaaa aaaaaaaaaa aaaaaaa 207

<210> 33766
 <211> 269
 <212> DNA
 <213> Homo sapiens

<400> 33766
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 cagtggatat tgggattgaa gccctggcag gcaaccttga ttcttgactg acaatggcac 180
 catactggat ttgatgttac ctgtgggttaa cttcttgggg acccaaactt tacatggact 240
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<210> 33767
 <211> 94
 <212> DNA
 <213> Homo sapiens

004220" 6667560

<400> 33767
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<210> 33768
<211> 259
<212> DNA
<213> Homo sapiens

<400> 33768
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gaaatggaga atcttttttc cttttttctt taaaaacacc catgcttggc ttcttggaat 180
gggaggctcc gaaatcatag tcctccaact ctccccagct atctccagac ttgaagatag 240
tctgacccca acgcctccc 259

<210> 33769
<211> 150
<212> DNA
<213> Homo sapiens

<400> 33769
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aattatagtt ttgttataaa tataacttat gagaaaaaaa tttgatagga ataatactgt 120
atattactaa tttttaacta tccctagggc 150

<210> 33770
<211> 189
<212> DNA
<213> Homo sapiens

<400> 33770
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gaaccataa atttagtaca aaacctacta acattatacc atgaatatat tttctttgta 180
aacctggct 189

<210> 33771
<211> 180
<212> DNA
<213> Homo sapiens

<400> 33771
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taataggctg ggcacagtgg ctcacgcctg taataccagc actttgggag gccgaggtgg 180

<210> 33772
<211> 266
<212> DNA
<213> Homo sapiens

<400> 33772

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ggaacagcgc	asctcgggag	cccgttacct	ggctcgcgaa	cacgaagcgg	gagagttcgc	180
caatatggat	gtgacagcgg	ttcccattaa	gcgaccctgg	gatggcacia	atgaaacaat	240
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<210> 33773

<211> 445

<212> DNA

<213> Homo sapiens

<400> 33773

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ggtgtacncc	aasakytcat	tgagaacggg	ccatgatcnc	gatggcgggt	ttgtggaata	180
gamskbgggg	gaaggtgcnk	araggataga	gaaatcagat	tggtgctgtg	tctgtgtaga	240
aagaagtaga	catgggagac	ttcattttgt	tctgtactaa	gaaaaattct	tctgccttgg	300
gatgctgtkg	atctttgacc	ttacccccaa	ccatgtgctt	tctgaaacat	gtgctgtann	360
sanggggtact	tgagrtrtagg	gagtggtgat	gactcttaat	ragcatgctg	ccttcaagca	420
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<210> 33774

<211> 195

<212> DNA

<213> Homo sapiens

<400> 33774

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gtgaaaaaat	attaactaga	tgcagcatgg	gttaaagtct	cacatcttca	tgaagggatc	180
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<210> 33775

<211> 129

<212> DNA

<213> Homo sapiens

<400> 33775

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<210> 33776

<211> 417

<212> DNA

<213> Homo sapiens

<400> 33776

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ctcttatagk	yatgaaaaaa	tttcaaacat	ttttcatgga	taaaaggatt	taatcagaaa	180
agcattttgga	tatacatatt	tgaatcata	gcttgccctgt	atgttactag	agtagttgga	240
gagtggaaaa	gtatctatat	tctaaagact	gtttcatcat	ttgggtgaaa	aacbnraaaa	300
agagagtaat	tttgtttaat	agctctttca	caaataaaaa	aaagaatgtt	catckytaga	360

004220.6667560

gactatcgag atctcatcag gtttacaaca adcttttagat tagcaagctc aatttca 417

<210> 33777

<211> 190

<212> DNA

<213> Homo sapiens

<400> 33777

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tgcttggttaa atttctgtat ttttagtaga gacagggttt cgccatggtg gccaggctgg 180
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<210> 33778

<211> 225

<212> DNA

<213> Homo sapiens

<400> 33778

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ccatgttggc caggctgggtc ttgaactcct gacctcaggt gatctgcccg ccttggcctc 180
ccaaagtgcc gggattacag gcctgagcca ctatgccaa ccctc 225

<210> 33779

<211> 74

<212> DNA

<213> Homo sapiens

<400> 33779

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<210> 33780

<211> 159

<212> DNA

<213> Homo sapiens

<400> 33780

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<210> 33781

<211> 205

<212> DNA

<213> Homo sapiens

<400> 33781

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tcttccctcc cctgctccgc aaggcagccc accccgacct tgagatccca ggtttgagga 120
atcvtgctga gagcgaacag taggaggatt ccccaaagct tccagcttgc cacctgghag 180
aagtcactt tcttttgagc aaagg 205

<210> 33782
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 <212> DNA
 <213> Homo sapiens

<400> 33782
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 aactcacaaa tatgaagggc tc 142

<210> 33783
 <211> 356
 <212> DNA
 <213> Homo sapiens

<400> 33783
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 ccggccccag tttcatcctt ttatcctgta atctgtcacc atgaccctga caaaagggttc 180
 cttcacctac tccagtgggg aggaatatcg tggcgaktgg aaggagggtg agaaggaccc 240
 ctggggagta tccatgatga acacttcatt tgctggagga caaatacatc rggatatata 300
 gccaaacttta tggatcttca ttttcaactc caggatttaa ttccatatag tgcctc 356

<210> 33784
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 <212> DNA
 <213> Homo sapiens

<400> 33784
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 aatttctgcc tcccagggtc aagcaattct cctgsetcag ccctcctgag tagctgggat 120
 tacaggcatg tgccaccaca cccagetaat ttttgtattt ttagtagaga tgggggttca 180
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<210> 33785
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 <212> DNA
 <213> Homo sapiens

<400> 33785
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 cccaatttca tatattcaat gagacagggg tccccaaacc ctgggctgca gaccagcacc 180
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 aaacctatc atgaattatg catgcaaggg atttgggttt cgtcctcctt atgagaatct 360
 aatgcctgat gatctgatgg aacagtttca tcccaatacc attcccagct cctgca 416

<210> 33786
 <211> 186
 <212> DNA
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<400> 33786

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gatatttgaa	gaaagaatga	atgaatatca	tttaacccat	aggagagtta	tttacagaag	180
gctatc						186

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 <212> DNA
 <213> Homo sapiens

<400> 33787						
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ggc						123

<210> 33788
 <211> 406
 <212> DNA
 <213> Homo sapiens

<400> 33788						
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cttgaacagc	tttccaggtt	attaaataac	attacttttt	gttggtgctg	tttttgagac	180
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agggacacac	caccacgccc	ggctaatttt	tgtatttttt	tggtagagac	aggattttgc	360
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<210> 33789
 <211> 310
 <212> DNA
 <213> Homo sapiens

<400> 33789						
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cagaatttgt	aaaagatgtg	gctgttattg	ctgaaatatt	tgcattttaa	ttaatggtag	180
cttacatatt	tgcacagtgt	tttgagttt	ttctttacat	gcttgtttaa	tcttttcaaa	240
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<210> 33790
 <211> 238
 <212> DNA
 <213> Homo sapiens

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tagtcttgag	atgctactta	agaatttatt	tcttaagtat	aattctataat	acaaaaaacg	180
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<210> 33791

<211> 210
 <212> DNA
 <213> Homo sapiens

<400> 33791
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 tttctttaag aatggtgaat attggccccc 210

<210> 33792
 <211> 321
 <212> DNA
 <213> Homo sapiens

<400> 33792
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<210> 33793
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 <212> DNA
 <213> Homo sapiens

<400> 33793
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 gtggagttgt ctgtgggtgac accaagtaca ggctgacac cctgggtttga cagaaggctc 240
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 cccaacttgc catggatcaa ttataatttt tcaacttgac tatggaggaa aaccatcgca 360
 atttcagctt ccagtcatgg nccta 385

<210> 33794
 <211> 373
 <212> DNA
 <213> Homo sapiens

<400> 33794
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 tgaccattgc agtgtaatct gactgctcac tctagagaac acttctgtta tacacaatgc 240
 acatacaaac ataacccta aagcgtagct aactgctccc actagataat tgctgctaaa 300
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<210> 33795
 <211> 141
 <212> DNA

004230 6657560

<213> Homo sapiens

<400> 33795

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<210> 33796

<211> 389

<212> DNA

<213> Homo sapiens

<400> 33796

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aatggcttgt	tctgtggcct	aatatatggt	ctatccttga	gaatgatcca	tatgctgagg	180
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ccwntgctaa	aagcggggtg	aagtctccag	ctattattgt	atggggatct	ctctctctcc	360
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<210> 33797

<211> 173

<212> DNA

<213> Homo sapiens

<400> 33797

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<210> 33798

<211> 246

<212> DNA

<213> Homo sapiens

<400> 33798

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tcaactcctg	cggtgggact	ccggagcagc	gtacaccgcc	cttgccttag	tcctccccaa	180
ggccagggca	gctgtgcggc	ctggcgcggg	ttacttggtg	tggtgcaaaa	agccagaagg	240
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<210> 33799

<211> 122

<212> DNA

<213> Homo sapiens

<400> 33799

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tt						122

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<211> 249
 <212> DNA
 <213> Homo sapiens

<400> 33800
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 aggtgacatc tgatgtgcta gaacaaagaa tagtacagca gggtacagga atacttaaag 180
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 ctggccttc 249

<210> 33801
 <211> 294
 <212> DNA
 <213> Homo sapiens

<400> 33801
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 tctttaataa atgatgttgg gaaaactaga tatttacaca gaagaatgaa attaggccct 180
 tgtctctcac cataaacaac aatcaactct tgaaaatgga ttaaataataa gacccaaaac 240
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 cctcccaggg tgctgggatt gcagggtgtg gccaccgtgc ccggccttga ctaccatatt 240
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 <212> DNA
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ctactgtaat ttaaccaacc tgaccagttg ataagcagtt acagtatttt atttacttaa      180
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<210> 33810

<211> 56

<212> DNA

<213> Homo sapiens

<400> 33810

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<210> 33811

<211> 378

<212> DNA

<213> Homo sapiens

<400> 33811

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tttgggtccc aagttgtttt tgtttttgtt tttgttttcg ttttgagacg gagtctcgct      180
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ggttcacgcc attctcctgc ctcagcctcc cgagtagctg ggactacagg cgchgnac      300
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<210> 33812

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<212> DNA

<213> Homo sapiens

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agggtgtctgt agtcccagct acttgggagg ctgtggtggg aggatcgctt gagcacggga      180
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<210> 33813

<211> 94

<212> DNA

<213> Homo sapiens

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<212> DNA

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tcgtttccag	catgagtgt	tctgctgatg	tggtggccct	ggcgaaaatc	gaaatcaagt	180
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<210> 33815

<211> 178

<212> DNA

<213> Homo sapiens

<400> 33815

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<210> 33816

<211> 428

<212> DNA

<213> Homo sapiens

<400> 33816

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agtaaccacg	tcgtaggtct	tgggggcctt	tcctgacctc	agtgccttgc	agtgcagggg	180
acgtggatct	tggagcagtg	cagtcacagg	ttgagtctcc	ctgatccaaa	atccaaaatg	240
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tcacctgagg	tcagaagtgc	aaaaccagcc	tggccaacat	ggtgaaaacc	tgtctctact	360
aaaarcrcaa	aaattagctg	gggatgggtg	cgggcactgt	aatcccagct	actcaggggg	420
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<210> 33817

<211> 129

<212> DNA

<213> Homo sapiens

<400> 33817

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<210> 33818

<211> 144

<212> DNA

<213> Homo sapiens

<400> 33818

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cgtctcaaaa	aaaaaaaaaa	aaaa				144

<210> 33819

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<211> 186
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ccattctgct tttgttactg tagcttcaca gtacactttg aaatcagaga ctttgatgcc 180
cgcagc 186

<210> 33820
<211> 111
<212> DNA
<213> Homo sapiens

<400> 33820
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<210> 33821
<211> 405
<212> DNA
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ttcctgcaac tggaatgatt tgtttaattc ttctttgaac actgcccttt ctccagtâag 180
aacactaatg atttgctaata attttttaaa gaaatctgtt tttttaatta gttaagctca 240
gabttcctct tattttttat cctagagana actgctaaaa gggaatgata tatcagtact 300
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<210> 33822
<211> 371
<212> DNA
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gcattgtcta atttttcctt tgtgtaggta ctgtttttcc ttttaaagca ctgagtaatc 360
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<210> 33823
<211> 318
<212> DNA
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<400> 33823
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cagagtgttg	accacctttc	tcatacagttt	ggccttgctg	gttcagggtg	agttttctac	180
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<210> 33824
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gtaataccct	gatgcgtttt	agaggactag	a			151

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<210> 33826
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 <212> DNA
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 <212> DNA
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tttgtttttg tgtttttttt tttttt 86

<210> 33829
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<212> DNA
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<400> 33829
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aggtttcatg ggagttccag ggaaccctgt gatggtgaca aactgtgacc cagtatatc 180
ctaaaaatag agagat 196

<210> 33830
<211> 263
<212> DNA
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gaatagcttt ttctaattct gtgaaaaatg acattggtaa tttgatagga atatcattga 240
atccatagat tgctttgggc ccc 263

<210> 33831
<211> 184
<212> DNA
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<400> 33831
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cctc 184

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<211> 338
<212> DNA
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004220-02400

<213> Homo sapiens

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gagagggaca	ccatcagggc	tatgctagaa	gcccagcagg	aagctctgga	ggaactgcaa	300
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<210> 33834

<211> 329

<212> DNA

<213> Homo sapiens

<400> 33834

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ctagtgcaga	ggggcttggt	ggcagaggcc	atccccctgt	gagaacaggc	tgtcttgccc	180
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<211> 279

<212> DNA

<213> Homo sapiens

<400> 33835

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tttctatcag	tatgatattt	atcagtcctt	tttggtaatc	catgactagc	ttcaatcttt	180
gccttatgtt	ggtattaaag	ctatcattct	ttcttgaatt	ttgtagggca	tcatttttgc	240
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<210> 33836

<211> 164

<212> DNA

<213> Homo sapiens

<400> 33836

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agacagggtt	tcaccgtggt	ctcaatctcc	tgacctcgtg	atctgcccgc	cttggcctcc	120
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<210> 33837

<211> 74

<212> DNA

<213> Homo sapiens

<400> 33837

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<210> 33838

<211> 150

<212> DNA

<213> Homo sapiens

<400> 33838

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tcacttctca agatattaag tgractgttt twaaagrctt gcgattaact tctttggtag	120
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<210> 33839

<211> 148

<212> DNA

<213> Homo sapiens

<400> 33839

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<210> 33840

<211> 166

<212> DNA

<213> Homo sapiens

<400> 33840

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ggagatgaag ttatcttgtg caggctgtgc agacacagcc attttgggac tcagcacttt	120
ccttaattta ctttccatca acctgctcgg aatgatttct ttctct	166

<210> 33841

<211> 175

<212> DNA

<213> Homo sapiens

<400> 33841

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ttctaaaact ttaatgttgt gtcctaaatc tggaggagga aaagcatgag ctgttgaacc	120
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<210> 33842

<211> 317

<212> DNA

<213> Homo sapiens

<400> 33842

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ctgtgaaacc atctggtttt gtatctttct gttgtgtctg tgttggtggg atgttcaagt	180
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<210> 33843

<211> 50
 <212> DNA
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<210> 33844
 <211> 68
 <212> DNA
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 aaaccacc 68

<210> 33845
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 <212> DNA
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 caaaatctct gttttaaggg gtggcaaggg gactggg 157

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 <211> 320
 <212> DNA
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 tttgtccatt tgtcaccttt ttatagcaaa tactactgta caagttaggg ataaaattaa 300
 aatacatatt catcatgtta aaactccatt gacttctata aagtataatt atactttaat 360
 gtgtatttcc acccctcttc tcccccttc 389

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<211> 342
 <212> DNA
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<400> 33848
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 tgttgatcat tatgggttat ctttttgata gaggaggggt acttactata ggctgtggag 240
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 ggcagctcta gggggtagt tattatgggr tgtcagtata ga 342

<210> 33849
 <211> 197
 <212> DNA
 <213> Homo sapiens

<400> 33849
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 caaggagaaa ttgaactaaa ctctcctttg aagactgttt ccagaggccc gttcccgaag 180
 ccggagtccc gaccctc 197

<210> 33850
 <211> 212
 <212> DNA
 <213> Homo sapiens

<400> 33850
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 ctaccctctg caccctcaag aaacccccag tgccttgat gaagcccacc ccacatggcc 180
 cacagctcct gtgctggcca gactcccaga ag 212

<210> 33851
 <211> 112
 <212> DNA
 <213> Homo sapiens

<400> 33851
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 tatactaaat cattgaacc tagcaaaatt tctatgcagt aggtatcggt at 112

<210> 33852
 <211> 71
 <212> DNA
 <213> Homo sapiens

<400> 33852
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 tttgagcaac a 71

<210> 33853
 <211> 97

<212> DNA

<213> Homo sapiens

<400> 33853

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<210> 33854

<211> 56

<212> DNA

<213> Homo sapiens

<400> 33854

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<210> 33855

<211> 277

<212> DNA

<213> Homo sapiens

<400> 33855

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ctatgccttt ttagttttct taaggatacc aaaatatgtc tgctaaaata ttctctttcc	180
tgcaatagta ttttttaaag gtataattat ttattccatt cttcataggc atactttcca	240
gtttctcttt cccacacca ttctttgagg aacagcc	277

<210> 33856

<211> 224

<212> DNA

<213> Homo sapiens

<400> 33856

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gatataggtc ttaactgagt aaaagaaaca aacctattct aacctagtat ctcttaacct	120
ctaatacaaa gctgcaatac cggcaaatca tggaattcct caaggagctg gaacgaaagg	180
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<210> 33857

<211> 259

<212> DNA

<213> Homo sapiens

<400> 33857

ggagaatcgc ttgaaccag gaggcagagg ttgcagtgcg ccgagatcgc accattgcac	60
tccagcctgg gcaacagagt gagactttgt ctcaaaaaca aaacaaaaca aaaaaatatt	120
tttctcatca ctttctcaag cctggacaaa caacagaaca acaaatccag tcttgagtta	180
tagcatttgc cagtttctgt aatgtaaata ttcccaggat gtctaaattc aagctgtaga	240
cataatatta ctgagaggc	259

<210> 33858

<211> 146

<212> DNA

<213> Homo sapiens

<400> 33858

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catgattatg	tgattgttac	ctccttttagc	ttgtkgacat	gatttyctaa	kattcawtca	120
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<210> 33859

<211> 346

<212> DNA

<213> Homo sapiens

<400> 33859

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aaccccatct	ttactgaaaa	aatacaaaaa	ttggccgggc	atgggtggtgc	gtacctggtc	180
ccagctagt	cagaggctga	ggtgggagaa	tctctttgag	cccagatcgc	tccactgcac	240
tctagcctgg	gtgacagagt	gagactcttg	tctcaaaata	aatataaata	aaaatctaata	300
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<210> 33860

<211> 296

<212> DNA

<213> Homo sapiens

<400> 33860

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ttcacctgtt	ttcttttatac	tttaattgta	ctagrcactt	taaaawtwac	ctaaatggkg	180
gcttgkgtda	kattttcattg	gaaagtgcta	ctctgtgact	tttaaaaggc	agcagatgta	240
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<210> 33861

<211> 138

<212> DNA

<213> Homo sapiens

<400> 33861

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atacatcaaa	ggcagtttta	cctcaagatg	atattgtgta	ctttaacaaa	agtgttaacta	120
ttttttatcc	cccaccca					138

<210> 33862

<211> 265

<212> DNA

<213> Homo sapiens

<400> 33862

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tgatcctgcc	tctttccccc	accatgcaca	catcctgaac	atcatattct	tccttggttca	120
atattaaatt	aaggctctgt	agtaataatg	tgtatgctca	gtgtkgcmaa	aawtaaaatt	180
ttacatattg	atcaagattt	ggcagtagac	ctatggattg	cacatggtac	actcattgga	240
aaatcactga	tttttttttt	ttttt				265

<210> 33863

<211> 158
<212> DNA
<213> Homo sapiens

<400> 33863
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atgtcaatta ratccarttg attgatgatg ctgttcagtt caactatatac httactgatt 120
ttttttgact actgaagcat ctatcaatta atgatgga 158

<210> 33864
<211> 113
<212> DNA
<213> Homo sapiens

<400> 33864
taatgcagga acagaaaacc aaatactgta tgttcttact tataagtggg agctaaacat 60
tgagtgcacg tagatataaa aattggaaca acaggcactg tagaaggggg ggc 113

<210> 33865
<211> 192
<212> DNA
<213> Homo sapiens

<400> 33865
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ctgaccogta tttaggggac atccatgggtg ggtgactcac cactgtccac cccaagaagc 120
agagacccag ccgaggacct gccctgggccc ccttccccgg ggcaaccttc cnggcccccc 180
tctgtgcccc ca 192

<210> 33866
<211> 152
<212> DNA
<213> Homo sapiens

<400> 33866
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caggaagggtg gccgctccaa tgctctctga ctctaaagga atgadatgat tattcccacc 120
cgaacatcca tcttctctg gtttaccgtc cc 152

<210> 33867
<211> 113
<212> DNA
<213> Homo sapiens

<400> 33867
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<210> 33868
<211> 198
<212> DNA
<213> Homo sapiens

<400> 33868

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cataactata gttatatcag acaaaataaa gttcaggmca actataagam aagacaaagg 120
ttactgtata atgataaagg gctcagttca gcgaggccat aacaattgtg aatatatatg 180
catctaaywc tggggcct 198

<210> 33869

<211> 167

<212> DNA

<213> Homo sapiens

<400> 33869

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aatgggagag gttcattcat tatgttagag awttgggata gtgctaggcc ttaataat 120
taacatttca ttaataatct gtaaggagta ccagtaaaca gcacttt 167

<210> 33870

<211> 382

<212> DNA

<213> Homo sapiens

<400> 33870

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tcacctgaag aagtgaaga caggaagtgg atgggttgak gagggtgaac tgattggcaa 120
atagaatc cccaaaacag agcaacaag aatgccagt ctctgaaaac tgccttaaat 180
ataataatag ggaactttct ttctctcttc aagcaataga gaccacagg aactgcaccc 240
acctgcacca tcgccatgcc agtggtgctg ccattctgag attatttcac acagtcagat 300
tcagtacacg cagtcatttg tttaaartaa atagaagaac attcctttgt gcagcttgct 360
ccctggaata aaaatggccc cc 382

<210> 33871

<211> 64

<212> DNA

<213> Homo sapiens

<400> 33871

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cagc 64

<210> 33872

<211> 210

<212> DNA

<213> Homo sapiens

<400> 33872

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aagataacac tggaaaaacc attctagata ttggcttggg caaagacttc atgaccaaga 120
acccaaaagc aatgcaaca aaacaaggat aaataggtgg aacttcacta aagaacttct 180
gaaaagcaaa aagaacagtc agcagaaact 210

<210> 33873

<211> 132

<212> DNA

<213> Homo sapiens

<400> 33873
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gttctgaaag gacaggacag aagttaaatg gcatttttacg gagtttagag tttatcacat 120
aggtacaggg gt 132

<210> 33874
<211> 161
<212> DNA
<213> Homo sapiens

<400> 33874
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aagtttatat cttttgtctc tggttaccag gaagggtaga gaaaaccatc aggtgggggc 120
agggtaggc aggtctcagc ctgactctc cttgggcttg c 161

<210> 33875
<211> 62
<212> DNA
<213> Homo sapiens

<400> 33875
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tt 62

<210> 33876
<211> 110
<212> DNA
<213> Homo sapiens

<400> 33876
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caaatttgta tagttgtttt aaaatgcggt ctctttcttc ttccctcgt 110

<210> 33877
<211> 240
<212> DNA
<213> Homo sapiens

<400> 33877
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ccaaacttca atgttcaatg aaatttttgt tcaagtttga aatggagaga gcagctttaa 120
aaggtactaa gccttttaca aattgggtgag tactggcaca tgagatctag agcaggagcd 180
acttctcaca catagtaagt gggaaaagaa agtgctttga aagttcctcc ctacactact 240

<210> 33878
<211> 218
<212> DNA
<213> Homo sapiens

<400> 33878
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tgtccatcta gtgagatacc tatggaaaag gagcctggag agggccgaat aagtgtagtt 120
gattactcat acctagaagg tgaccttccc atttctgcca gaccagcttg tagtaacaaa 180
ctgatagatt atattttggg aggtgcatcc agtgacct 218

<210> 33879

<211> 101

<212> DNA

<213> Homo sapiens

<400> 33879

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cactataatc	ctgtttt	taga	acattttt	gt	cacctcata	c	101

<210> 33880

<211> 384

<212> DNA

<213> Homo sapiens

<400> 33880

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tagagactac	tactctacct	tgagactgca	gagcgagtg	catataaacac	catgcattat	180
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caccatgagt	accttctgtt	tccccagcct	ttggagtttc	taggaagtta	cattacttag	300
ctacttggtt	catctaccga	tatatccagt	ttcactctct	tccaatctgt	tcaccatatt	360
gcagtcagta	acctttttga	aatt				384

<210> 33881

<211> 219

<212> DNA

<213> Homo sapiens

<400> 33881

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tcattctctt	tctaattctg	ctggtttcaa	gattagaaaa	tggcattatt	tgatctgaaa	180
tgtttgagaa	gacacgaata	aagttacttg	ggcagaacc			219

<210> 33882

<211> 158

<212> DNA

<213> Homo sapiens

<400> 33882

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tagtggctct	aggattaatg	ctgttcttct	gtagcaggaa	gagatgaatg	gagatttccc	120
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<210> 33883

<211> 349

<212> DNA

<213> Homo sapiens

<400> 33883

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agcaatcggc	gtgcgacact	ttgcagccca	tgagcgtgaa	gacttggtgc	agcagctaga	120
gcgagctaag	gaacagggtc	tcactaacat	ctattcagag	tgggggatgc	atttcacag	180

ctggacacaa cacaacaag agtggactgt gcccctcggt tctcagagta tgggggtgcct	240
gggatgcacg ttgaatgctt ttacttcctc agcactgcac taggggtccca agctgactct	300
tgggtttctg gcctccagca ggcagggtctg ctccctgcta ttgggtacc	349

<210> 33884
 <211> 427
 <212> DNA
 <213> Homo sapiens

<400> 33884	
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actgtatcct agttagaata gaaagataaa agagaaggcc atctaagggg gcttctccca	120
aattattcat taatgttcag ttgtttatag cagaagattt tgttgttgcc tacttatgca	180
taaacctcaa ggctgtagca accactctct tatagccagt gtgtgtgccc tagcataagc	240
ttctaactat ggactatttc ttactgata tcattcagta tagggataaa tcaaatgtgc	300
aaaaagttag aataaatttg tgatctgtag ttgatcatgt cttcctcatg agcatccacc	360
tagctgctat aatgtgggat ataggggttc atcacaaaat tttaaattag taattaatga	420
tatctgt	427

<210> 33885
 <211> 314
 <212> DNA
 <213> Homo sapiens

<400> 33885	
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gaaggccagg gatgtaccgc ctacgacgta gctgtcaaca gcgacttcta ccggaggatg	180
cagaacagcg atttcttgcg ggagctcgtg atcaccatcg ccagggaggg ccttgaggac	240
aaatacaact tgcagctgaa tccggaatgg cgcgatgatga agaaccggcc attcatgggc	300
tccatcccgc agct	314

<210> 33886
 <211> 169
 <212> DNA
 <213> Homo sapiens

<400> 33886	
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ataagaagtt tgtcacagca ctcaggattt tgggtatctt ttgtagctca cataaagaac	120
ttcagtgtctt ttcagagctg gatatatctt aattactaat gccacactt	169

<210> 33887
 <211> 329
 <212> DNA
 <213> Homo sapiens

<400> 33887	
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agcctcccag agtgctggga ttacaggcat gggtcaccgc accaagcccg catttatatt	120
ttgagttacc aaaatgatca tcactctgtga agcatcatgg tagcttccaa gcatttgagg	180
cccactggbm agtgcattca aaacacattc aggaaaccgc agagttgtaa gttgcacatg	240
tgtggnctac agtgacttcc atgtagtaac agggctgagc aaggcaggct ctccaccaga	300
cttaaagcat tcaaccactc tgcccctta	329

<210> 33888
<211> 195
<212> DNA
<213> Homo sapiens

<400> 33888
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tcaaaaatgt cttatttgga ttggtttctt tgaatcaggc agaagaacat agaagctgtg 120
ctctctcagg cctctgtcta tttccatagt aatcatatat tgacatatat cattgccacc 180
atcttcaccg cccaa 195

<210> 33889
<211> 161
<212> DNA
<213> Homo sapiens

<400> 33889
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aatacatgtg atttttgcac attgatttgg tctctgaga cttgctgaag ttgcttakca 120
gcttaagcag attttgggtt gagacgatag ggttttcttt t 161

<210> 33890
<211> 134
<212> DNA
<213> Homo sapiens

<400> 33890
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taactcctgt gtttaagatgt gactctactg tacttgcctt ttacagtttt ctgggtctga 120
ctctgggagg acca 134

<210> 33891
<211> 195
<212> DNA
<213> Homo sapiens

<400> 33891
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cattttgtgt ttgtggggat ggtatgttwa aatgtcttac acttggttga atattggcta 120
gaattgctat aaggtcacac acaaagtgga acctaagact tttggaaaac ccgggatctt 180
ctaaatctag tgcaa 195

<210> 33892
<211> 309
<212> DNA
<213> Homo sapiens

<400> 33892
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tcctcatctt cccaaattcg tatgttgaag tcctaaccac cagtacctca gaatgtgact 120
atatttgaag atctgcaaag agctaattaa gggttgatga gggtcacagg gtgggcccta 180
atccaatatg attggtatcc ttaaatgaag agttgattag ggcacagata ggcagctctg 240
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gcagcctgt

309

<210> 33893

<211> 56

<212> DNA

<213> Homo sapiens

<400> 33893

tcttcaaaca aacaaacaac attctgaaat taatatatttc tttcttcctt tttttt

56

<210> 33894

<211> 213

<212> DNA

<213> Homo sapiens

<400> 33894

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cggagtgtga ctatctcaag agcctggaga tagaggagaa gatcaacaag atcaagtggc	120
tcccacagca gaacgccgcc cactcactcc tgtccaccaa cgataaaaact atcaaattat	180
ggaagattac cgaacgagat aaaaggccct aca	213

<210> 33895

<211> 94

<212> DNA

<213> Homo sapiens

<400> 33895

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ggtgatggct gcgctttaca cttaaaaatg actt	94

<210> 33896

<211> 217

<212> DNA

<213> Homo sapiens

<400> 33896

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tcccagccg gtacggagct gcggtcagcg gattgtgcgg ctgagccatc ctggtgacgg	180
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<210> 33897

<211> 181

<212> DNA

<213> Homo sapiens

<400> 33897

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tttttctttt gagatggagt ctgctctctgt cgcccaggct ggagtgcagt ggcacgatct	120
aggctcactg caacctctgc ctcccgggct caagcagttc tcctgcctca gcccccgaa	180
t	181

<210> 33898

<211> 345

<212> DNA
<213> Homo sapiens

<400> 33898
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gctgctacct aattttaatg aagttggcga rttatctgcc cacaaggtat gagaagtata 120
gatgtgcatt gctctacaaa tatacaacgc aataaggccc actcgaaatt catgaaaggc 180
ttgccaagcc acatggcntg cwtgggtcgta ggtagatgca tgatgtccct cttagaatga 240
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aaccaaagtg tgtcatgaaa aagaacgtca agaagaaagg catgc 345

<210> 33899
<211> 64
<212> DNA
<213> Homo sapiens

<400> 33899
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cttgtgtcca acccctacc cctctcccta acaccctct tctcaacaag actcagcctc 180
tcccca 186

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<211> 83
<212> DNA
<213> Homo sapiens

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ctccgttctc cagcacccgc tgc 83

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<211> 280
<212> DNA
<213> Homo sapiens

<400> 33903

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ctgggtgggg	atgctgatgg	ttcgggaggc	tgtagcggaa	aggggtacaa	gggaactctg	180
tactttctac	ttaattttgc	tatgaaacta	aaacttctct	aaaaaataan	gtctgttcaa	240
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<210> 33904

<211> 313

<212> DNA

<213> Homo sapiens

<400> 33904 ,

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atgttgccca	ggatggtttc	gatctctttt	ttttttaatt	ttattattat	tatactttaa	180
gttttaggg	acatgtgcac	aatgtgcagg	tttgttacat	atgtatacat	gtgccatgtt	240
ggtgtgctgc	acccattaac	tcgttattta	gcattaggta	tatctcctaa	tgctatccct	300
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<211> 346

<212> DNA

<213> Homo sapiens

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gtgtgagatg	atatctcata	gtggttttga	tttgcatctt	tctgatgtcc	agtggatgat	180
agcatttttt	catgtgtttt	ttggctgcat	aaatgtcttc	ttttgagaag	tgtctgttca	240
tgctcttcgc	ccactttttg	atggggttgt	ttgttttttt	cttgtaaatt	tgtttgagtt	300
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<210> 33906

<211> 102

<212> DNA

<213> Homo sapiens

<400> 33906

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<210> 33907

<211> 192

<212> DNA

<213> Homo sapiens

<400> 33907

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ttagtttggc	ctcaatcttt	atagaaaactc	aattcaacaa	acatttgagc	acctgtttgt	180
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<210> 33908

<211> 393

<212> DNA

<213> Homo sapiens

<400> 33908

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raacctgcat	gccccgagcg	ggtctcataa	tggtttaaaa	tgataacggg	ctagggagga	180
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tcctttttga	gatggagtct	tgctttgtca	cccaccctgg	agwgnkttg	gcatgatctt	300
ggctcactgb	acccttcgcc	tcctgcattc	aagcgattct	cctgcctcaa	gcctcccagg	360
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<210> 33909

<211> 123

<212> DNA

<213> Homo sapiens

<400> 33909

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<210> 33910

<211> 317

<212> DNA

<213> Homo sapiens

<400> 33910

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cgggcggtgg	agcccgtttc	cataagaacc	gccagagky	ggcgctgcc	ttccaggggt	180
gaagcgtttt	cggaccctgg	aatctgtggg	cggcctgcgg	caggggctga	ggcgcagttc	240
cctactcacc	cagatccgaa	tccaccgcgg	tgctgtttcc	agcgagtcag	attcsagatc	300
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<210> 33911

<211> 332

<212> DNA

<213> Homo sapiens

<400> 33911

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acgtgcgcaa	attatttttc	ttttttagta	gaatggtgca	ttttttgcct	ttgtatttga	180
aatttagcta	aattacaata	gctatcagaa	ctacaattga	ccttagtaat	ttcaaaacca	240
tagttataag	ggtttttaagt	tgatttttaa	aaatcttaag	atatgatagg	gatttcaaaa	300
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<210> 33912

<211> 161

<212> DNA

<213> Homo sapiens

<400> 33912

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gtcagtgata aaatacgccc acctgtccag gmtgactgct cctccacccc cagccctcag 120
catgtcactg gcmagatatc tgaaggtttt gagggggtaa g 161

<210> 33913

<211> 232

<212> DNA

<213> Homo sapiens

<400> 33913

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cagcctggac aatatgatga aaccccatct ccacaaaaaa ttagctgggc gtgggtggcag 120
gtgtctgtag tcccagctac ttgggaggct gtgggtgggag gatcgcttga gcacgggagg 180
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<210> 33914

<211> 270

<212> DNA

<213> Homo sapiens

<400> 33914

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caagactgtt ttggttatta ggggtgcctt gagtttccat atgaattttt gcatcatctt 180
gtcagtttct gtagagagac tggctgggtt tttttttkgt ttgttttttt gkgttttttt 240
raracggagt ctgctctgt cgccaggca 270

<210> 33915

<211> 370

<212> DNA

<213> Homo sapiens

<400> 33915

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tgtgagatga tatctcatag tgggtttgat ttgcatttct ctgatgtcca gtggtgatga 180
gcattttttc atgtgttttt tggctgcata aatgtcttct tttgagaagt gtctgttcat 240
gtccttcgcc cactttttga tggggttgtt tgtttttttc ttgtaaattt gtttgagtkc 300
attgtagrta ctggatattg gcctttgkca gatgagtagg ttgcgaaaat tktckcccat 360
gtttaggttt 370

<210> 33916

<211> 157

<212> DNA

<213> Homo sapiens

<400> 33916

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ttttatgcat acttcatctt tatccagctt tatcactccc agtaggttgt gaattatcga 120
gaggeatgca tttgttcac tttttgttcc agcctta 157

<210> 33917

<211> 344
 <212> DNA
 <213> Homo sapiens

<400> 33917
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 gwggctgagg cgggcggatc acctgagggg tgggaattcg aggaccagcc tggccaacct 120
 ggggaaaccc bgtctctgct agaaatgcaa aattagctgg gcatgggtggc tcatgcctgt 180
 agtctcagct actcgggagg ctgagtcagg agaatcgctt gaacctggga ggcggagggtt 240
 gcagtgagcc gagatcaccc cattgcactc ctacctgggc aacaagagcg aaactccatc 300
 kcavaaaaaa attrckaant atttatgagt aacaaaagcc cctc 344

<210> 33918
 <211> 256
 <212> DNA
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<400> 33918
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 gggcatgacc tggatgctg ggctggcaga acacccccac caacctggg tagacagagt 180
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 cctggcaata aggggc 256

<210> 33919
 <211> 293
 <212> DNA
 <213> Homo sapiens

<400> 33919
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 actaagatag caatcttttt gattgacacc atacatgttt tgtagaggtc ataattatac 180
 cttactttta ttctgggtgc ttgttttaag aggaatgtta acaaactgga gcatgctcca 240
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<210> 33920
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 <212> DNA
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<400> 33920
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 tgttttcaag tttcgtccat attgtggcat gtatcagtac ttcattcatc attattgctg 180
 aataattttc cattgcgtgg ctataccaca ttatatgtat ctattaatca gttaatggac 240
 atttgagtgg tttctacat ttgagtatta tgaataatga tgctatgaac acttgtgtgc 300
 aagttttaat gtaaacatat gttttaagtt ctctgggcgc 340

<210> 33921
 <211> 163
 <212> DNA
 <213> Homo sapiens

<400> 33921
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 cactcctttt aggacctgtt gtaaggcagg tcttgtgcta rcaaatttgt ctgaaaagga 120
 tcttatttct cctctgtttt tggcagcttg gttttggggg gct 163

<210> 33922
 <211> 224
 <212> DNA
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<400> 33922
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 aatgtattca gggggaggaa acatcccttg cataccaatt gaggcacccct ctctttcaga 120
 actgtctttt aatttcaatg atgtttatat cttccaagcc gcgtctgaac tgagcatttc 180
 cgctctgagg aataacttga gagagagaga gagagagtga gagt 224

<210> 33923
 <211> 163
 <212> DNA
 <213> Homo sapiens

<400> 33923
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 acatctactg agatttttga tccgttttac aaataggcat gct 163

<210> 33924
 <211> 219
 <212> DNA
 <213> Homo sapiens

<400> 33924
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 ccactgcac aggcctgac gaggttttaa ttacagagr rtcattgtta ggggttcatt 120
 ctttcttttt aagtggaata gaccagtata atgaactccc acatatgcat caaccagctc 180
 cagtaaccac caccatgtgg ctaatcctac cccaccaa 219

<210> 33925
 <211> 343
 <212> DNA
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<400> 33925
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 aagatatggt ctttacagag ggaataaagt taaaataagg tcattagggg gagccctaata 180
 ccaaaggatg ggtgtcctaa tcagaggagg agattaggac ccagacacac acacacacac 240
 agagccaggt gaggacacag ggagaaaatg gccacgtaca agccaagatg agaggwctca 300
 ggaagaacca gccgactcca cccttcaaaa ctgtgagaac ata 343

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 <211> 246
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<400> 33926

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ctccctggca	aagatggaga	ccatggaaaa	cctggaatcc	aagggcaacc	aggccccca	180
ggcatctgcg	acccatcact	atgttttagt	gtaattgcca	gaagagatcc	gttcagaaaa	240
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<210> 33927

<211> 191

<212> DNA

<213> Homo sapiens

<400> 33927

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aaccccgct	cttctaaaaa	ttagctgggc	gtgggtggaat	gcgcctgtgg	tcccagctac	180
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<210> 33928

<211> 261

<212> DNA

<213> Homo sapiens

<400> 33928

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atactccaca	tgccttcttt	catgtaatcc	ttgccataat	cctatgaggt	aagctacatt	180
gtattcccat	taacaaatga	ggagactatt	ctgtctgact	cttcaatcca	taatgttaag	240
caccatgcag	taccgtctcc	c				261

<210> 33929

<211> 178

<212> DNA

<213> Homo sapiens

<400> 33929

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tgaggcttgc	aaatactatt	attttaggct	aaaatagcaa	actgtcacat	aaacaataaa	120
caaacaaaaa	atgaaaagta	gtaaaaactc	tatgatttaa	ctttattccc	ccacttaa	178

<210> 33930

<211> 235

<212> DNA

<213> Homo sapiens

<400> 33930

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tagtagttta	cccattatat	tcccagctat	caaacacagct	ttatgggtgg	ttaggagttg	120
acagacatgt	tgatgataa	atagtagaat	tatataatat	ttttatatatt	gtagatgtat	180
ctccttaa	at	aggatggaat	gatttcacag	aagatgaatg	aaactcaatc	235

<210> 33931

<211> 416

<212> DNA
<213> Homo sapiens

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ccctgggtcag aagggtcttag acaaaaatct tagcatcaag ctcagattat tccttcctgc 180
ttcattttgtg ttctcctcac aatgctttca gctgcctagg aatagccagg caaccagctg 240
ctactttgag caccgggcta aaataagcag agacaactgg aaggcttgat gtgaaaaaga 300
gctgttgaag tgtacacaag caagctgact gccttatgac taataactga cagaaccag 360
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<210> 33932
<211> 163
<212> DNA
<213> Homo sapiens

<400> 33932
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cactcctttt aggacctgtt gtaaggcagg tcttgtgcta acaaatttgt ctgaaaagga 120
tcttattttt cctctgtttt tggcagcttg gttttggggg gct 163

<210> 33933
<211> 143
<212> DNA
<213> Homo sapiens

<400> 33933
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ttttctcact tccccaccc atc 143

<210> 33934
<211> 288
<212> DNA
<213> Homo sapiens

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aaaaagacct gagggacttc cagttgccct aggataatgg tggcctccta agctggagtt 180
tgtccactta ttctcccaga aaaacataga gattaataag gaaaacaaat agaactacgt 240
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<210> 33935
<211> 208
<212> DNA
<213> Homo sapiens

<400> 33935
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gattaggttt ctttttatca gttttgtttc tgtttggtgc caacaaaagt ccactagctt 180
tctgctttgt taactgagta gtgaaaga 208

<210> 33936
 <211> 343
 <212> DNA
 <213> Homo sapiens

<400> 33936
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 taaagcaagc tttaatgttc tgacttggtc atttgaaata caaaaaagta agtgaatttt 180
 aatgttttgc attaaactaaa gaaatctgaa gattaatgtt gaggaaattg tatggacatg 240
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 tgtgttttaa tggagcccca ttttagaatt attttttcca tct 343

<210> 33937
 <211> 245
 <212> DNA
 <213> Homo sapiens

<400> 33937
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<210> 33938
 <211> 180
 <212> DNA
 <213> Homo sapiens

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<210> 33939
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 <212> DNA
 <213> Homo sapiens

<400> 33939
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 atacaaaaaa ttagccaggc gcggtggcgg gtgcctgtag tcccagctac tcgggagggt 180
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<210> 33940
 <211> 110
 <212> DNA
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<400> 33940

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<210> 33941
 <211> 290
 <212> DNA
 <213> Homo sapiens

<400> 33941
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<210> 33942
 <211> 280
 <212> DNA
 <213> Homo sapiens

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<210> 33943
 <211> 260
 <212> DNA
 <213> Homo sapiens

<400> 33943
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<210> 33944
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 aattaatctg catatttgta acgcaaataa ctacttcctg atttacatct caatatattc 120
 ttctttcatt tgcccaa 137

<210> 33945
 <211> 67
 <212> DNA
 <213> Homo sapiens

<400> 33945
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 atattac 67

<210> 33946
 <211> 61
 <212> DNA
 <213> Homo sapiens

<400> 33946
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<210> 33947
 <211> 260
 <212> DNA
 <213> Homo sapiens

<400> 33947
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 ttgttttttt tcattgataa tttgtgtcat tgtgttatct tggatgagct taaagaattg 180
 ttggcaaaga gattgttcct atttaattta aaacacaagc aaactactat ttcaaagaca 240
 atatgattct tacctgtccg 260

<210> 33948
 <211> 213
 <212> DNA
 <213> Homo sapiens

<400> 33948
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 tgaaaacact gtttagaagt catttattta ttattagtag taattatttc aggctaggct 120
 acaataacaa ataggcccaa acacgtaatg ggttctgcaa aagagaagtc ttggcaggta 180
 gggctctgct ttattaaatc ttcaaggatc ctt 213

<210> 33949
 <211> 366
 <212> DNA
 <213> Homo sapiens

<400> 33949
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 gaagtgttaa agcacttgaa ggaacgattt ccgcctaata gtcagcacgc ccaggtaatc 180
 tgcvttttgc atggcaatag atttatttct gataaaaata gcttttatta taatataaag 240
 tgggacataa tctcccctca gaaaaataat attgagctaa aaaggaactt gtcaaaggat 300
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<210> 33950
 <211> 199
 <212> DNA
 <213> Homo sapiens

<400> 33950
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 ggtttttatg gtttttaggk taacgktaa gtctttaatc catcttgaat taattkttgt 180
 ataaggtgta aggaaggga 199

<210> 33951
 <211> 88
 <212> DNA
 <213> Homo sapiens

<400> 33951
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 aggtagattt ctttctttct ttctttct 88

<210> 33952
 <211> 257
 <212> DNA
 <213> Homo sapiens

<400> 33952
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 gcctgggggg aaaagcgtcc ggtggkttgt tggtaaagag gggcaccact ttcagataaa 180
 aacatagacc tgaatggcat catccagtat ccaaggaaac catgttctct aaacatgaat 240
 atgcctttgg gggaact 257

<210> 33953
 <211> 202
 <212> DNA
 <213> Homo sapiens

<400> 33953
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 aaaagaagag cagaagttaa tttcmggagg ktaawtmtga mcgmcaataa gtaaatgttt 120
 cttttattat cttgactgam ttaaaggcat ttgccagctg ggcattgtga ctcattctgta 180
 gtcgcagcac gttgggaggc aa 202

<210> 33954
 <211> 143
 <212> DNA
 <213> Homo sapiens

<400> 33954
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 aagaatcaaa agacttgtag tagtttacct tckggctttg gtaagtgtgg ctttgagtaa 120
 taactgagct gttccccgc att 143

<210> 33955
 <211> 419
 <212> DNA
 <213> Homo sapiens

<400> 33955

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tttatgaatc	taggtgctcc	tgtattgggt	gcatgtatat	ttaggatagt	tagctcttct	120
tgttgcattg	atccctttac	cattatataa	tggccttctt	tgtctctttt	gatctttttg	180
taaacaactc	gagataattg	gctgagaatg	gttggtgaga	cttccccgga	ggctcgtcag	240
catgggcaac	tgcaatgttg	aatcttggtt	ctctgatttc	cagcaagatg	gccgaatggg	300
aacggctctg	gtctgcggct	cccagcgaga	tcgntgcaga	aggccagtga	ttctgcattt	360
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<210> 33956

<211> 277

<212> DNA

<213> Homo sapiens

<400> 33956

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aattaatgtc	ttatatttatt	ggcttaaact	tccaaacaat	gttaaataat	agagaagaca	120
aatactcttt	ttaaaagaaa	aaagtaaata	tttctctcct	tcttacatac	ataggctgga	180
ttctagtgc	atttataacg	aattgaaaga	aacatatcnt	aattatcttc	ctctgtacgt	240
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<210> 33957

<211> 369

<212> DNA

<213> Homo sapiens

<400> 33957

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tattctagat	gtcacttccc	ctacttcaca	ttatacacga	atgttctgag	gacatttgag	180
atggaatcta	gtcacatttt	tcagcactag	tttccaagga	acacaaagaa	gtccagtgc	240
atgatccagg	ctctcagcct	tacagatcat	catgtagatt	aagtggncga	ggctctttcc	300
tatgcagaaa	ccttctctaca	accaaggtac	cccttgtyat	nattgtcktc	ctgcaacttt	360
cataattga						369

<210> 33958

<211> 356

<212> DNA

<213> Homo sapiens

<400> 33958

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tactaagttg	tcataataaa	tgttctacta	ctttttgtgg	attatacaag	aagccacgtg	180
agtgcagcat	tttattttttt	atttttattt	ttgagacggg	gtctctctct	cactcccaga	240
ctggagtgcg	gtgggagaac	gtggctcact	cagccttgaa	ctcctgggct	caagggatcc	300
tcctgcctca	gcctcccaag	tagctgggtac	tacaggcatg	caccaccatg	cctggc	356

<210> 33959

<211> 244

<212> DNA

<213> Homo sapiens

<400> 33959

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aaatttcgat	gtgccgctg	ccggcgcta	agcgccggtg	ttgagagagg	cggcgccgc	120
cgcgccggg	draatgctg	gcatgtacgt	gccggacagg	ttctccctga	agtcctccg	180
ggttcaggac	ggcatggggc	tctacacggc	ccgcagagtg	cgaaagggtg	aaaagtccg	240
acc						244

<210> 33960
 <211> 114
 <212> DNA
 <213> Homo sapiens

<400> 33960						
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<210> 33961
 <211> 86
 <212> DNA
 <213> Homo sapiens

<400> 33961						
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ctcagcacca	scctamcaca	ggcctt				86

<210> 33962
 <211> 380
 <212> DNA
 <213> Homo sapiens

<400> 33962						
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gccattctgt	gtcttttaat	tgaggcattt	agcccatttg	catttaaggt	tagtattggt	120
atatgtgaat	ttgattctgt	catcatgatg	ttagttgggt	atattgcaga	cttgtttatg	180
tggttctttc	atagtgtcac	tggtctttgt	acttcagtgt	gtttttatgg	tagctggtaa	240
tggttttctt	ttcgatatcc	agtacttctt	tcaggagctt	gtgaaaggca	gggctgggtg	300
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<210> 33963
 <211> 110
 <212> DNA
 <213> Homo sapiens

<400> 33963						
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cttagaacat	tttcataacc	ttgraaagaa	gcctcvattc	atacccatat		110

<210> 33964
 <211> 359
 <212> DNA
 <213> Homo sapiens

<400> 33964						
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cagatactga	gttttatgag	attatgtttg	ttatagtttg	aatgacagc	ctttgagata	180
cgtgcatttg	acccaagagt	cttgtaaatg	aagtgaaaat	actactgagc	acaagagctc	240
tgggttctat	tcttaccagt	ttatcattat	atcatctaac	atcttcagat	tacaagtctc	300
ttaaggtata	aaaggaattc	aataatacct	gcttgccctc	ccctacttca	caatagatt	359

<210> 33965
 <211> 269
 <212> DNA
 <213> Homo sapiens

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ggaggttgca	gtgagccgag
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ctcacggctg	taatcccagg
attgagacca	tcctggctaa
cgggagggctg	aggcaggagg
tttgcttgaa	cctgggagggc
ttgcaactcm	agccctgggc
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gcccaggcgg	gcggaactacg
cacagtga	
	60
	120
	180
	240
	269

<210> 33966
 <211> 339
 <212> DNA
 <213> Homo sapiens

<400> 33966	
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ctgggacgag	gggctggcag
cagatcccag	gctaccatca
caggggtggac	atcactggat
cccccaatct	caagaacccc
agcchtctcg	gtgagcatcc
actcagcagc	agagggctct
ccctagggga	gctggggctg
ccaggggacc	tctttacaag
ggacaagact	ggtggggct
	60
	120
	180
	240
	300
	339

<210> 33967
 <211> 265
 <212> DNA
 <213> Homo sapiens

<400> 33967	
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gctccttgac	atacttcttg
aaatcacaca	cgaagagagg
ggcgtatgct	tcttgtccca
ggagttcaga	tgtagaccg
gccattatct	ttttcatctc
agccaatagc	ctctgtcctt
aaagtagtta	acctgtccca
gccagcgagc	ctggtgcagt
gggagaatca	cttgagccca
gaagc	
	60
	120
	180
	240
	265

<210> 33968
 <211> 251
 <212> DNA
 <213> Homo sapiens

<400> 33968	
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aacggagtga	gaccctgtct
tttttccttt	t
ttgggtggcaa	agcacccaat
actttgggaa	gaccgaggca
tgcaatgagc	tgtgattaca
ctactgcact	ccagcctggg
ataaagaagg	aaatattcct
ttaaaattta	
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	120
	180
	240
	251

<210> 33969
 <211> 143
 <212> DNA
 <213> Homo sapiens

<400> 33969
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 aaggaggctt aagcttgagg atgcaaagtc acgtgtcctt aamcrgctat tttkcbagtr 120
 tactctgtta gaaaggaac caa 143

<210> 33970
 <211> 155
 <212> DNA
 <213> Homo sapiens

<400> 33970
 aaaatgttat ctcaagtgtc attcagattt taacatatag attaattctt tttttcttta 60
 tttttccaca ctatacagat gtatagacta attcttttta ggaatgtatt tttgccattt 120
 ccctcattct gtcactttat taaatagtaa tttaa 155

<210> 33971
 <211> 191
 <212> DNA
 <213> Homo sapiens

<400> 33971
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 tatttttagt agagacgggg tttcaccatg ttggcaggct ggtctcgaac tcttgacctc 120
 agatgatcga tctgccttgg cctcccaaag ttctcggatt acaggcatta gtcacccctgc 180
 cccccccgcg c 191

<210> 33972
 <211> 247
 <212> DNA
 <213> Homo sapiens

<400> 33972
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 gatatgtatg ggtagggtaa atcagtaaga ggtgttattt ggaaccttgt tttggacagt 120
 ttaccagttg ccttttatcc caaagtgtgt gtaacctgct gtgatacgat gcttcaagag 180
 aaaatgcggt tataaaaaat gggtcagaat taaactttta attcatctca aaaaaaaaaa 240
 aaaaaaa 247

<210> 33973
 <211> 216
 <212> DNA
 <213> Homo sapiens

<400> 33973
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 tacttcttga ggaatttttg taatttagaa gcatgttttt gctacctaca ggattaaaaa 120
 aataaaaaata ataaagatgc tgtcagactt ggcctccagg caatttagtg ctgcctgtgg 180
 cttctggtac tgtgcatttt aaacagtcct gccagt 216

<210> 33974

<211> 151

<212> DNA

<213> Homo sapiens

<400> 33974

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agatggctct	gatctcctga	ccttgatgat	cgccccgctc	ggcctcccaa	actgctagga	120
ttactggcct	gagccaccgt	gcccccccg	c			151

<210> 33975

<211> 158

<212> DNA

<213> Homo sapiens

<400> 33975

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gagatgtaat	gggtctgggtg	ttcaatggag	ragtattgac	tggagatata	agtttgggag	120
tcagttgctg	ggtagctgat	aattgaaatc	aagcgcac			158

<210> 33976

<211> 109

<212> DNA

<213> Homo sapiens

<400> 33976

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<210> 33977

<211> 317

<212> DNA

<213> Homo sapiens

<400> 33977

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ctgccaccat	gccagctaa	tntttgtatt	tttagtagag	atgggggttc	acywtgttgg	180
ctagcctgnk	ctcaaactcc	tgacctcagg	tgatctgccc	tccttggcct	ctcaaagtgc	240
tggaattaca	ggcatgagcc	accgcgctcg	gcctccatgt	cgcgtaatct	cttgaacttg	300
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<210> 33978

<211> 111

<212> DNA

<213> Homo sapiens

<400> 33978

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<210> 33979

<211> 130

<212> DNA

<213> Homo sapiens

<400> 33979

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<210> 33980

<211> 159

<212> DNA

<213> Homo sapiens

<400> 33980

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aaaggagttc ctgtcacctg ctccccccac ccccgccac	159

<210> 33981

<211> 192

<212> DNA

<213> Homo sapiens

<400> 33981

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attacattgg aggaaatatt ttcttagtka tttaccttat gatgttcttt cctagaaatc	180
taagtttcca tc	192

<210> 33982

<211> 316

<212> DNA

<213> Homo sapiens

<400> 33982

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gattcttggc caggtacggt ggctcacacc tgtaatccca gcactttggg aggccaaggc	180
tggcggatca tgtgaggttg ggagttctag accatgctgg ctaacatggt gaaacctgtc	240
tctactaaaa atacaaaaaa ttagctgggc gtggtggcat gcanstgcag tcccagctac	300
ttgggagact gaggca	316

<210> 33983

<211> 158

<212> DNA

<213> Homo sapiens

<400> 33983

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ctatgtcctg aatgggtatt cctgggtttt cttctagggt ttttatgggt ttaggtctaa	120
catttaagaa gaaggatact taaagtataa gggaatg	158

<210> 33984

<211> 75

<212> DNA

<213> Homo sapiens

<400> 33984

ctttcattaa ctgtgatttg gggcatgttt tttaactatt gggcgccttg gtttgctctt	60
cagtatgatt gggat	75

<210> 33985

<211> 377

<212> DNA

<213> Homo sapiens

<400> 33985

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tttaggtcaa ttatgtatgt tgactaaatt taaaaataaa cttgtttatc caactaagtg	120
tccaaaacct aaattgaatg tactaagttt tcacatgtcc cattatctag gtccttgat	180
actaatgttt tgaacttaga tcatttcagg tgttggttg tggataaagg aacctttat	240
ttataaagat actgtagaaa gcatgtgaac agctctctgc ttgattaaga tgccataata	300
gtgctgtatt tgcagtgtgg gctaagacaa agtatattaa taagcttttc agcccccca	360
ctcccgttcc gtagtgt	377

<210> 33986

<211> 266

<212> DNA

<213> Homo sapiens

<400> 33986

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gtcttttagat gcaaaccatt aataaacta tcttatctca tagttttttc aggggtgctt	120
cttgattagt aggggaatttt gaacacctct ttaaatacag ctagaaaata aaaccaattt	180
gtaaagccac atttgcatat gatgccagcb tcacgcattt gtatatctcc agaaattcab	240
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<210> 33987

<211> 396

<212> DNA

<213> Homo sapiens

<400> 33987

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tctgtgtttt ccttcattgc atttacctct ccttaatagg atactgtagc tttccttatg	180
atctttctcc ccatttcgaa tgtaagccct aggagggcaa ggtccccagc acctcacaca	240
gtgcctggca cacagtaaat atttactaca aatttgctga ataaggagca tgaggagctg	300
gcttgctga tccgtggagt tttgctgttc atctccttca ggctcgtgtg ccctccmnn	360
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<210> 33988

<211> 123

<212> DNA

<213> Homo sapiens

<400> 33988

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gca 123

<210> 33989
<211> 83
<212> DNA
<213> Homo sapiens

<400> 33989
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taatgtataa agtttgtaca aac 83

<210> 33990
<211> 163
<212> DNA
<213> Homo sapiens

<400> 33990
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gcattaggta tatctcccag tgctatccct cgccctccc cca 163

<210> 33991
<211> 157
<212> DNA
<213> Homo sapiens

<400> 33991
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tctcctcgta gactgtatgt cccatgaata cagtcgtcag gattggtttt gttcagtgtt 120
gtgaacaata ccattcctcc atttagtgga ccccgaa 157

<210> 33992
<211> 287
<212> DNA
<213> Homo sapiens

<400> 33992
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ttagtctgcc cacctttcta ggctgggctt ggccaccatt aaacacgggg tgggggtgag 120
ggccctgca attcacgggtg caatattcac cagttttgcc ctctgcctca taaaggcaaa 180
cctggctttt gattaccatg tgtggatgtt tcagtgtcct ttcttctctg tccctgggga 240
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<210> 33993
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<212> DNA
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ctataggggtg gtgtgtgctc cagcctgacc cagaagtgga ctgcatgtaa gagccttgac 180
ccagagcatc caga 194

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 <212> DNA
 <213> Homo sapiens

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 aagtgctggg attatgggct c 81

<210> 33995
 <211> 218
 <212> DNA
 <213> Homo sapiens

<400> 33995
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 ccggtctttc cgcaactagca gcaaccttgt catccacaga cgtatccaca ctggagaaaa 180
 acccctgcag tgtgagatat gcgggtttac ctgccacc 218

<210> 33996
 <211> 173
 <212> DNA
 <213> Homo sapiens

<400> 33996
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 <212> DNA
 <213> Homo sapiens

<400> 33997
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 gaggatccta atggcccagg ttgggtcaga tgtcgtttct taagcaggct aaagatgtga 180
 tgtgacagat gctttgagaa aaaacaaaat agtagtaaag aatgggtaac tctaataatat 240
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 aggcccc 308

<210> 33998
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 <212> DNA
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<400> 33998
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 acagccttaa aaatattcag taaaatattg tacttccata aagcattgcc cctgagtaag 180
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gctgtgtgat gctattgaaa aggggaataca ccaccatcag cgctcgggta aaacgtcttc 300
 tccctgaaat ttaagaaagt cacaggctgg gcgcgggtggc tcacacctgt aatcccagca 360
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<210> 33999
 <211> 235
 <212> DNA
 <213> Homo sapiens

<400> 33999
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 cctttcactc tatggtgtta acctgccttt ttctaagtct aatctccact taccacagct 180
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<210> 34000
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 <212> DNA
 <213> Homo sapiens

<400> 34000
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 atggaagaac tttgtattta tactgtgatt ttgaacagat tatgcaacat tggaaggaag 120
 gctgtacttt gatgggttga aggaactcag cagtatgatg atctggttcc aggggaaaa 179

<210> 34001
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 <212> DNA
 <213> Homo sapiens

<400> 34001
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 tggtaacacg gtgtttttaa tgtgaacttt ttgtttaaag caaatgcagc cctgaggatt 180
 tggctactgc atataacaac agggggcttc g 211

<210> 34002
 <211> 213
 <212> DNA
 <213> Homo sapiens

<400> 34002
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 ctccctccct ccatcttaag cccatggcaa cct 213

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<400> 34003
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aataaataac aactgaacct tcagggaataa aatgttatat atgtaccagg cgc 173

<210> 34004
<211> 90
<212> DNA
<213> Homo sapiens

<400> 34004
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acagtcagtc sstcttgggc tggcgggact 90

<210> 34005
<211> 187
<212> DNA
<213> Homo sapiens

<400> 34005
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tggaggc 187

<210> 34006
<211> 330
<212> DNA
<213> Homo sapiens

<400> 34006
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attaaatata gagacacagc tgaagggaga atttatacat tggaagacag ccctgagaaa 120
gttacacaga atgcagcaca aagagaaaaa gagatgagaa atatgaaaga gaagttataa 180
aaccgagagg atagagttag aagggtccaac ttacatgtga taggcattct aggagataaa 240
acagagaatg ggaggtggag gtatctgaaa agacaatgta tgagcatttt caaaaattga 300
aaaatatgag ccctcagatt gaagtgactt 330

<210> 34007
<211> 333
<212> DNA
<213> Homo sapiens

<400> 34007
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tgattaagat gtcatgcata tcagagtatc tggaaattct tcccaacgct ctttacatac 120
gtgawttaay cacratcttc aaaataacat accaraacga ataacagara atcattttta 180
gttgtggttc cttcatgcac aaaacatttc atgtgtgtct ggcctcttc cggccacaga 240
tttcatctta acctaagtat tgaaatgctt gtgccctttg attaatTTTT ctgtgtaaat 300
actttgataa taagctacat tgaggchnng tag 333

<210> 34008
<211> 167
<212> DNA
<213> Homo sapiens

<400> 34008

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ccgtcaagta aatggattg ctgtaggtca gtgggtttta aggaccttat ttgggttgga	120
cttttatatt tttaaattta ttgtttatt aatttctttt ttttttt	167

<210> 34009

<211> 245

<212> DNA

<213> Homo sapiens

<400> 34009

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tctgaactct aatgaggaga tagaatrtvv gmcagttwaa aggcktaaag rccttggtct	120
gaagtcgggc tgacagggag tcaatccaga tttccctctg ggtgacctgg agcaagttac	180
ttaacaatcc atgcgtcggg cttcccattt gtaaaactgga gggaggaggg gagggttgga	240
taata	245

<210> 34010

<211> 82

<212> DNA

<213> Homo sapiens

<400> 34010

tgacagtggc agtgatggtg gtggtgatgg tgggtggtgg gatggtggcg gtggtgatgg	60
tgggtggtgg gatggtggcg gt	82

<210> 34011

<211> 170

<212> DNA

<213> Homo sapiens

<400> 34011

tgggattctt gacttagaga tatagtgtat agacttttgt ggtattttta atagtgagat	60
tcaggggacc caaatctggg tgggtgcaaa ggaaatgvaa aaagtatata trkaagcagt	120
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<210> 34012

<211> 81

<212> DNA

<213> Homo sapiens

<400> 34012

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ttatgatattt tttttttttt t	81

<210> 34013

<211> 243

<212> DNA

<213> Homo sapiens

<400> 34013

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cttgtaaata catattcagc atctggtaag tgaattatgg aaataatctg taaatcttaa	120
tccaagttac aatattaaga aaattttaat ttcattttccc cttgcaagca aagatattaa	180

gccatagatt agatgtgggg accttacatt ttatactaca cttgtaagta cttaatggca 240
cca 243

<210> 34014
<211> 214
<212> DNA
<213> Homo sapiens

<400> 34014
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tgtaaaatt taaaacttct agttaacaaa aggtaccata gaaaaagtga aaaggtagac 120
gacagactgg gagaaaagat ttttcatcaa aaataattga ctactggctg ggtgcggtgg 180
ctcacgcctg tgatcccagc actttgggag gccc 214

<210> 34015
<211> 235
<212> DNA
<213> Homo sapiens

<400> 34015
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tttcaattat aaagaacctg gccaaggaas agatasgtgc ctaanagtrr gccagtattc 120
tgamcgatat gttagaaaaa tgggtgtgccg accaattcat gacatgtgtc ccaaaactag 180
caacggaaat tgtattmgcc gtgttgaggt ctctaattcca gatgrtgctc atcta 235

<210> 34016
<211> 277
<212> DNA
<213> Homo sapiens

<400> 34016
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aagtttagct cccagcttct atctgttgcc ttgtcccatg tcatttcttg tccctcactg 120
atgattgac aaccctgaag atgggcgaga aacttctcag ttccccaaac caacctcatt 180
ttagtctgga ctctctggaa atagaatcag ccttgggcca gtctctgtga gtctaattgt 240
ctgctctcta gccttcccc gacactcccc cctccac 277

<210> 34017
<211> 322
<212> DNA
<213> Homo sapiens

<400> 34017
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caacggagca tgtgcagggg tcctcagggc ctctgtgtca ggactgtggc ctacagccta 120
cagctgcagt cacctcgcat agacagaggc tttgtgatcg ttaggttctt ggaactatcc 180
ccaaactgat cctgtgatca cttgacatga taaagaatcc tcccacattt ttctgtgaag 240
agaagccgat gttgtagtgc taaaacgtgn ccattctggt cctgtatttg tatcattttg 300
aaagcaatgc aaagccctgt ca 322

<210> 34018
<211> 151
<212> DNA
<213> Homo sapiens

<400> 34018

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<210> 34019

<211> 248

<212> DNA

<213> Homo sapiens

<400> 34019

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caaactatac tacaaggtag agtaaccaa acagcatggt actggtacca aaacagagat	120
atagacccat ggaacagaac agagccctca gaaataatgc cgcattatct acaactatct	180
gatcttagac aaacctgaca aaaacaagaa atggggaaag gattccctgt ttaataaatg	240
gtgctgaa	248

<210> 34020

<211> 365

<212> DNA

<213> Homo sapiens

<400> 34020

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aatatataaa tgactaagtg aaacccaatt gcatatcctg caggagctta gaatctactg	120
gtagaaacat acaattcaag agcaatgata atactctgtg gtgtttctct ggtgtagcac	180
atggaagagg cacagtccat cccaggggaag gctaaacaag aagcaggagt tagcttggaa	240
tcacaggggg aaagaagatt ttcagtgaga ggaacaatga gcagcttata gaagaaagat	300
gtagtagcag aacctggtga tttttgtct ctagaaaatt gctgtcatct gtgagagaca	360
gtgtc	365

<210> 34021

<211> 378

<212> DNA

<213> Homo sapiens

<400> 34021

tatgtattaa attgtaggaa atgttagata aacagctttc tttagtattt tttgagttag	60
aaagcaagtt tttagcttgg ggtcagaata tttttagaga aaaagttaa aatgtgccta	120
aatctgaaat tctggattaa aaaagtgaat atctgcatgt tcctctaata cctaatagacg	180
aattctaatt gcagaaggat gccataact aaaaccacaa aatgaaccct atgtataaccg	240
gtgaccttct ttactcagaa ttaattaaca caagcacttg tttcttgtag agcactttgc	300
tgtaatttag aacaaattaa gggaaaaaat cattcaagtg ctgttttctt cacaccatga	360
agtaagcatg atggaccg	378

<210> 34022

<211> 229

<212> DNA

<213> Homo sapiens

<400> 34022

taaatttgaa gatttatgct tattcgcaaa tgggccctga gaatatcttt ggagctcaga	60
aagttcacgc ttgacttcct tttcactggt ctaagtaaac gagttcttaa atccccgcag	120

tctccccgcc tgggctctgg gtctctgcc ttgcctcagc ctgcattcat ttggaccaac 180
aggaactgag atgtgactta cctctgaggt gtagaggagg agggcgctca 229

<210> 34023
<211> 366
<212> DNA
<213> Homo sapiens

<400> 34023
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tcgcccaggc tggagtgcag tggcacaatg ttggctcact gcaacctcca cctcccgggt 120
tcaagcgatt cttatgtctc agccacctaa ktagctggga tacagacgtg caccaccaca 180
cctagctaatt ttttgtattt tcagtagaga caggatayna ccatgttggc caggctggtc 240
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acgtaagcca ccgtgctcgg ccagagcttt tacttttgcc cctttaaaat agcagctctc 360
tttgaa 366

<210> 34024
<211> 139
<212> DNA
<213> Homo sapiens

<400> 34024
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ctcctgaagc ctggccctat tatgtatcct gaccaagrwt aaacttttcc aaaaagctgc 120
atgttggtttc tagcacaat 139

<210> 34025
<211> 346
<212> DNA
<213> Homo sapiens

<400> 34025
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gaccagccac cctttaattc tttaaaatat ttattgattt atttgtttcc ttcttctttt 180
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ctcamtgcaa cctccacttc ccaggctcaa acaattcttg tgcctcagcc tcttgagtag 300
ctggaattgc gagcaccctt gcttctcctc tgcttgtagc gctccc 346

<210> 34026
<211> 125
<212> DNA
<213> Homo sapiens

<400> 34026
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aaaaattatt gataaataaa agttattgat aagaataaaa acatttagac taaattatgc 120
cggcc 125

<210> 34027
<211> 192
<212> DNA
<213> Homo sapiens

<400> 34027
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 ttcatataaa ttcaatgaac tggtttatgt taatttgta tcttactatg tatgagagaa 120
 gtgtaatgga aagagcctgc agataatgct ttttgacat ttaatttagt cacatttatt 180
 tcattgctgc ca 192

<210> 34028
 <211> 131
 <212> DNA
 <213> Homo sapiens

<400> 34028
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 atccctcccc c 131

<210> 34029
 <211> 158
 <212> DNA
 <213> Homo sapiens

<400> 34029
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 ctggctaatt tttctatatt tagtagagac aggggttcac agtggtggcc aggctggtct 120
 caaactcctg acctcaggtg atccacctac ctcgcca 158

<210> 34030
 <211> 133
 <212> DNA
 <213> Homo sapiens

<400> 34030
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 tattttgtaa acaagagaaa gtaaagcagg agacagaatg gagaagctgg atagtgtttt 120
 tttttttttt ttt 133

<210> 34031
 <211> 59
 <212> DNA
 <213> Homo sapiens

<400> 34031
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<210> 34032
 <211> 185
 <212> DNA
 <213> Homo sapiens

<400> 34032
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 gcagggacta cagatgcgtg ccacaamcag ctaatttttg tatttttagt agacacggga 120
 tttcaccatt ttggccagga tggctcgtat ctccctgacct cgtgatccac ccgcctcagc 180

ctcct

185

<210> 34033

<211> 409

<212> DNA

<213> Homo sapiens

<400> 34033

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aaggaagagg	tactcagaat	tgaggcatgc	tcataggaat	agcatcagga	agggtatgac	180
aggtttgatg	attattgaga	gtcaagatac	acatttaagg	gaatggcaag	agatgagagg	240
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acttacaatg	atatgggtaca	atcagctttg	tgtttttagga	agttatctca	gttgatgtca	360
tgacagraaa	atgggrcaga	gtgggaagaa	attagaagca	gaggccggc		409

<210> 34034

<211> 152

<212> DNA

<213> Homo sapiens

<400> 34034

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ccttacttcc	agagctcctg	attaaaawwa	tkgtragttg	tgggttaagt	ttactgattt	120
aaaaaaaaact	tagcatagag	ttgtatcact	gc			152

<210> 34035

<211> 217

<212> DNA

<213> Homo sapiens

<400> 34035

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aacttgcatg	gtcaaataaa	cacacccatg	gaattgatct	gacatttaca	agatgtttac	120
aggaaattat	aatgtcagta	ctaagaaaaat	aagtaaatca	gggttgaatt	gttttgacta	180
ttgacacata	ttttttttgc	caaactctcc	ccatcac			217

<210> 34036

<211> 218

<212> DNA

<213> Homo sapiens

<400> 34036

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caatggtctt	ttaaaactca	ggatttttcc	tttctctctc	ctattattag	acttattcgt	120
ctaattggaag	agatcatgag	tgagaaggag	aataaaacca	ttgtttttgt	ggaaaccaa	180
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<210> 34037

<211> 148

<212> DNA

<213> Homo sapiens

<400> 34037

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 cttcccactg cctgcctcaa catcccctgc agcatattct gctgggtactg ctttctgaca 120
 gataaaatct ataacagcaa ccagagct 148

<210> 34038
 <211> 196
 <212> DNA
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<400> 34038
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 taacctcaag tgatccacca cttcagcctc ccaaagtgtc gaggttacag gcatgagcca 180
 ccatgcccgg cccgtc 196

<210> 34039
 <211> 331
 <212> DNA
 <213> Homo sapiens

<400> 34039
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 agcctggcca acatggtgaa accctgtctc tactaaaaat acaaaaatta gccaggtgcg 180
 gtggcgcatg cctgtagtcc cagctactcg ggaggctgag gcaggtgaat tgcttgaacc 240
 caggaggtga gattgcggwg agctgagatc gtgccactgc gctccagcct gggtggcaga 300
 tcaagactcc atctcmacaa caacaacaac a 331

<210> 34040
 <211> 92
 <212> DNA
 <213> Homo sapiens

<400> 34040
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 gagctacgaa tccaccttgt cctggacttt tk 92

<210> 34041
 <211> 212
 <212> DNA
 <213> Homo sapiens

<400> 34041
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 gvtsttagaa aggtttcaaa atcaagcrac vrargtctka aagtgatrag gcatggcttr 120
 aagatctttt gatcaaacat acctgtgttt gagatagatt taagagccct aaatgcttat 180
 caccatkcac tccaaataaa actattgctt tt 212

<210> 34042
 <211> 156
 <212> DNA
 <213> Homo sapiens

<400> 34042

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 <212> DNA
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gaatgttctt	tgcaaggcag	ggttttgatg	actggcaaaa	cactaggcaa	gttgcaactgc	180
agttgtctga	accacacca	gactgcagtt	aaatatagaa	tttagtttct	ggaactgtta	240
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<210> 34044
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 <212> DNA
 <213> Homo sapiens

<400> 34044						
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acagaaagaa	aaaaaggagk	kgtggaagaa	accatttctc	actgcagagt	ttttccatgt	180
gacatatttt	ctaattttat	ttcagggtcta	actgtctgca	gtagatggct	ccatttcagg	240
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ttaa						304

<210> 34045
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 <212> DNA
 <213> Homo sapiens

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acagacacta	aaccatggaa	gacatatggg	tagtgaagaa	gcacatgaag	agatgctcaa	180
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<210> 34046
 <211> 159
 <212> DNA
 <213> Homo sapiens

<400> 34046						
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<210> 34047
 <211> 145
 <212> DNA

<213> Homo sapiens

<400> 34047

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gaaaaccaat	cttcggcggg	gcttc				145

<210> 34048

<211> 62

<212> DNA

<213> Homo sapiens

<400> 34048

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<210> 34049

<211> 369

<212> DNA

<213> Homo sapiens

<400> 34049

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ttattacatt	aaatgttttg	tgcttatcag	acatttatct	ttgtaaacag	tgcaaattctt	180
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tggttacaac	tgtttgtca	aagatatata	gtgtgaatat	tttctcccat	agcttagctt	300
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<210> 34050

<211> 123

<212> DNA

<213> Homo sapiens

<400> 34050

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agagacagcg	tttcaccata	ttggccaggc	tggtctggag	ctcctgattt	tgtgggtccgc	120
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<210> 34051

<211> 272

<212> DNA

<213> Homo sapiens

<400> 34051

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ttttctagaa	atatgtggat	tgtatgattc	tttgagaaat	agaaggaagt	cagctctgct	180
acagaaatag	aaagtttttg	catggcgtga	gttttagacag	tcactttctt	ttadgtttcc	240
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<210> 34052

<211> 351

<212> DNA

<213> Homo sapiens

<400> 34052

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gtctgcaggt	ttctccttga	agcaaattgtg	tgggatcatt	gcatttccag	aaatctgcct	180
ccttcacccg	tctagggcac	tggagcaaag	aaaaagttat	taaaggagac	tcaaaccact	240
gacaagttac	ttgcggcata	agtagtagtt	tttttgtttg	tttgttttga	gatggagtct	300
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<210> 34053

<211> 158

<212> DNA

<213> Homo sapiens

<400> 34053

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<210> 34054

<211> 290

<212> DNA

<213> Homo sapiens

<400> 34054

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agttttactaa	ttacatatgg	aaaccttttg	agtttttact	tgtaaagattt	ttaatgggaa	180
caaagatttt	gatgcacat	agcagccct	cacctctctc	tctgctcctg	catgtgtgac	240
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<210> 34055

<211> 349

<212> DNA

<213> Homo sapiens

<400> 34055

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gtctgtgtaa	ttattttgct	ctttgattaa	aaaaaagacc	cccagcaata	aaaagtgggt	180
cactctatgc	cctctgtgca	cattagtctc	ttgtattcaa	ctttgctgat	tctctggaat	240
tttcctactc	tttagcataa	ttttgatgat	tgaaaaatat	tttggaaagg	atgggtcagg	300
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<210> 34056

<211> 287

<212> DNA

<213> Homo sapiens

<400> 34056

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tttattcaat aggaagttgt ttccccattg cttgtttttg tgcattttgt tgaatatcag 180
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 ccwattttkg tatgcacacc atgctgtttk ggttactgta gcctcgc 287

<210> 34057
 <211> 151
 <212> DNA
 <213> Homo sapiens

<400> 34057
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 agctttctga agccttggga atcactgggc c 151

<210> 34058
 <211> 85
 <212> DNA
 <213> Homo sapiens

<400> 34058
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 ccgcynkaag tgatgatcat gtaaa 85

<210> 34059
 <211> 103
 <212> DNA
 <213> Homo sapiens

<400> 34059
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 gwgtacgaa tccacctgt cctggacttt tttgttggc agt 103

<210> 34060
 <211> 234
 <212> DNA
 <213> Homo sapiens

<400> 34060
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 ctcatwtgca tttckaaca gctctctccc tgggatgtg cwtgctgtg ckttggggac 180
 cacatttyaa gtyaatgtac yytagtgac gaatgtttcc wcatctyga gctg 234

<210> 34061
 <211> 236
 <212> DNA
 <213> Homo sapiens

<400> 34061
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 ctgragacca gtcacgaatt aaaagttgt cttctgctga agatattctt gtaacagacc 180
 aatacagacc attttttct gttaattcca ttagcgaaca gaaaatccca ctgtca 236

<210> 34062
 <211> 396
 <212> DNA
 <213> Homo sapiens

<400> 34062
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 tcaccattgt gaagcaggat cagacttttt ttagttcaca gtacctggac ttttaggtta 180
 attgtatcat attttgaaga tttcttggtt ttcttggtgt gaaacttttt cttgtgagaa 240
 actaacccta ccttttactt tcacttctcc gaatgcatgt cttataaatt atagataggg 300
 cctgtggacc tgccctcatta tttccctttt gaagtaagga taactgcagt agrnkdcatt 360
 ttagatcttg gaatttgctg cctttaccac cctcta 396

<210> 34063
 <211> 266
 <212> DNA
 <213> Homo sapiens

<400> 34063
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 caccattacc attaaccaaa ttcattgagt agttgtcatg tcttctaata ttttaatttg 180
 accagtattt acacagctga aaattaacaa ttccttgaaa taacttgaaa ttacaccttg 240
 tttggagtga agtcattcct gttttt 266

<210> 34064
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 <212> DNA
 <213> Homo sapiens

<400> 34064
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 cgratkggcc tggaackgta tccacccaaa tgtcaccgat ttcttcctat gcaggaaatg 180
 agcagaccba tcaataagaa atttctcagc ctggccgaaa atggttggn ccacgaagcc 240
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<210> 34065
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 <212> DNA
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<400> 34065
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 taatttttak tttatatbat tttactttta gttttagggt acatgttcac aatgtgcagg 180
 ttagttacat atgtatacat gtgccatgct ggtgcgctgc atccactaac tcgtcatcta 240
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<210> 34066
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<213> Homo sapiens

<400> 34066

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<210> 34067

<211> 363

<212> DNA

<213> Homo sapiens

<400> 34067

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aaataaatta actgtattck atataaccc ctttttgccag atgtattcta acagaaggat 180
ttataggtga aaagttatgt tttttgcttt attttgccaa aaggcactta agaaagcctg 240
tccaaatctn gattctcagc agcagaatat gaaagtttct gactcctcac acccatgcc 300
acaggtgag cattatckkt attaacttta aaggaagaaa acaagtgaat gggacatagc 360
att 363

<210> 34068

<211> 86

<212> DNA

<213> Homo sapiens

<400> 34068

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<210> 34069

<211> 233

<212> DNA

<213> Homo sapiens

<400> 34069

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tttctaactt tcatttcttt actgtttgca gttaatgttc atgttctgct atgcaatcgt 120
ttatatgcac gtwwtcttta atttthttag attttcctgg atgtatagtt taaacaacaa 180
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<210> 34070

<211> 166

<212> DNA

<213> Homo sapiens

<400> 34070

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ttcttgaagt ctcaccttga gaatcatgct ccaccccgct agaactttac cctgactcct 120
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<210> 34071

<211> 285

<212> DNA

<213> Homo sapiens

<400> 34071

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aatctctata tkaatccaca gtcgagtaaa agaaagatct gcccaagatc gtttttctga	180
gcttggattt gtttggttga atggagggct agggagtcac tggtttccat ttcaggtaat	240
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<210> 34072

<211> 218

<212> DNA

<213> Homo sapiens

<400> 34072

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acggccagcg cgcaccgctc tgcgcgggga cgssgactga tgggagagta ggggatggag	180
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<210> 34073

<211> 151

<212> DNA

<213> Homo sapiens

<400> 34073

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aaatgtttct ttggwattct tcagcctgtg a	151

<210> 34074

<211> 197

<212> DNA

<213> Homo sapiens

<400> 34074

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tcaaaagggt tgagtcctgtg acaagcaagt ggaatttata tggaaagtaag ctgtatatca	180
ataattaaag ggacaaa	197

<210> 34075

<211> 273

<212> DNA

<213> Homo sapiens

<400> 34075

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gcccagttaa ttttttgat ttttaggaga gacaagggtt cactatgttg gccatactgg	180
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<210> 34076

<211> 304

<212> DNA
<213> Homo sapiens

<400> 34076
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ctgt 304

<210> 34077
<211> 228
<212> DNA
<213> Homo sapiens

<400> 34077
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taatcaccat aaatttgaag ataatgtagg aaagctaata gccaaagacat ggtatactct 180
caattgacta gatcataagt aaaattatag taatggaccc ccctcgac 228

<210> 34078
<211> 214
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<213> Homo sapiens

<400> 34078
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cggtcttttc atcctctgct acggagaagg gacgaggaca cgggtcctgc agtggttggtg 180
tggcgaggcc cggaagaaga gagaatgggc ggcg 214

<210> 34079
<211> 156
<212> DNA
<213> Homo sapiens

<400> 34079
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tggatttttg tgtaatttac aggcagccaa aataagaatt gtccttgctc atagtacaac 120
cctttaattg acttgtgcct gagttttggt gtgagc 156

<210> 34080
<211> 92
<212> DNA
<213> Homo sapiens

<400> 34080
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aggcaggaag atggtggmcg caaagaagac ga 92

<210> 34081
<211> 82

<212> DNA

<213> Homo sapiens

<400> 34081

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<210> 34082

<211> 283

<212> DNA

<213> Homo sapiens

<400> 34082

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tgctttaagg	aataagtaag	caagtgataa	tattgactcc	ttttctgaaa	attccagatt	120
aaaaaaagat	ttccttttga	ttccaagatt	gtcccacatt	cagaggaaaag	agtaatagag	180
aacctgcagg	caaagccagg	atthtttctga	aggaacaatt	ctgtgtttga	ttcaatgcct	240
gaaaaggaat	cagttaagtc	ctcaaagttc	tttaaaacag	agc		283

<210> 34083

<211> 306

<212> DNA

<213> Homo sapiens

<400> 34083

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gtcctggagg	gcacattccg	cgtgcatcgc	gtgcgcaatg	aaaggacctt	tttcctcttt	180
gacaaaacac	tgcttatcac	caagaagcgg	ggcgatcact	ttgtctacaa	gggcaacatc	240
ccgtgctcct	cnetgatgct	gatcgaaaagc	accagagact	ccctgtgctt	cactgtcacc	300
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<210> 34084

<211> 359

<212> DNA

<213> Homo sapiens

<400> 34084

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taatcccagc	cacttgggag	gctgaggtag	gagaatcact	tgaacctggg	aggtggaggt	240
tgcagtgagc	cgagattgtg	ccactgcact	tcagcctggg	tagtagagtt	aatgagactc	300
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<210> 34085

<211> 87

<212> DNA

<213> Homo sapiens

<400> 34085

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<210> 34086
 <211> 151
 <212> DNA
 <213> Homo sapiens

<400> 34086
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 aggatggtag actggctagt gatgggggcc c 151

<210> 34087
 <211> 183
 <212> DNA
 <213> Homo sapiens

<400> 34087
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 cct 183

<210> 34088
 <211> 83
 <212> DNA
 <213> Homo sapiens

<400> 34088
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<210> 34089
 <211> 313
 <212> DNA
 <213> Homo sapiens

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 tgcaacaatt actctattgt ttccttgctt tcaactatta caccctttaa ttagagttag 180
 tttggaagac atcacactgt tgctctttgc aaatgtaacc ttgcaacctg gtatttttcc 240
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 cttcgttcta ggt 313

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 <212> DNA
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 ccaaagtgcg gggattacag gt 82

<210> 34091
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<212> DNA

<213> Homo sapiens

<400> 34091

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tgggagtggg gtgggaagtg atcgtgtggg gaaaaaaaaa agtttcgagc ccgtttcgca    180
tttgtggagt ac                                                         192
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<210> 34092

<211> 215

<212> DNA

<213> Homo sapiens

<400> 34092

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aaagcgagaa gagagccggg ggagtgtact tgtccctgac aggctgacct acctgagtct    120
ctgagctttt cagtccaaat ctttgcaagg ctcaaaatgc cacagaacct ctctcttct    180
ccccactccc catggcaggg accggaccat cccgt                                215
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<210> 34093

<211> 183

<212> DNA

<213> Homo sapiens

<400> 34093

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agatgaacct gtgtatggga gttttgctta aagtkggtac ttcaagaagg tgcctctgtt    120
tactttgggt ttgcaactgcc atgcgaccag gtggtgcagg tctcccaaatt gccacccccg    180
aat                                                         183
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<210> 34094

<211> 91

<212> DNA

<213> Homo sapiens

<400> 34094

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taatcaatta aaatgtttat ctgtcaaaaa a                                91
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<210> 34095

<211> 119

<212> DNA

<213> Homo sapiens

<400> 34095

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<210> 34096

<211> 162

<212> DNA

<213> Homo sapiens

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 aatgaagggc taaagtttta atcataagag aaaaggcagc gt 162

<210> 34097
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 34097
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<210> 34098
 <211> 116
 <212> DNA
 <213> Homo sapiens

<400> 34098
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<210> 34099
 <211> 86
 <212> DNA
 <213> Homo sapiens

<400> 34099
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 gcctcatatc tttttttttt tttttt 86

<210> 34100
 <211> 285
 <212> DNA
 <213> Homo sapiens

<400> 34100
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 sggtaacca cargcwaat tttttkgtat ttttagtaga gacgahggtt tcagcaggtt 180
 ggccaggctg gtctcaaact cctgacctcg ggtgatctg agaggtgaca acatgctagc 240
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<210> 34101
 <211> 72
 <212> DNA
 <213> Homo sapiens

<400> 34101
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 tttttttttt tt 72

<210> 34102
 <211> 165

<212> DNA

<213> Homo sapiens

<400> 34102

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ctatataaca tccaaccctt gtgagcccac cccaactca gaaacttgaa ggtcactgca	120
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<210> 34103

<211> 205

<212> DNA

<213> Homo sapiens

<400> 34103

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gamaactcca caggcttgta agtggcaggg ccaggctctt agccctaaac catacattag	180
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<210> 34104

<211> 233

<212> DNA

<213> Homo sapiens

<400> 34104

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taggvcaatg crgtgrctgm ctagcattag gtatgkttct tttatattct agctatgtcc	180
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<210> 34105

<211> 161

<212> DNA

<213> Homo sapiens

<400> 34105

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<210> 34106

<211> 191

<212> DNA

<213> Homo sapiens

<400> 34106

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rtatggatrg cagctatkac cttccactct gtcattcact ctcttggtag tgccttttca	180
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<210> 34107

<211> 101

<212> DNA

<213> Homo sapiens

<400> 34107

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<210> 34108

<211> 124

<212> DNA

<213> Homo sapiens

<400> 34108

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watk 124

<210> 34109

<211> 162

<212> DNA

<213> Homo sapiens

<400> 34109

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aatcctatgt tggagatgtt tattgtttcc ccttgccgcc at 162

<210> 34110

<211> 213

<212> DNA

<213> Homo sapiens

<400> 34110

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aattgctgga tgtgtcctga gaactgtacc ccttccaccc tggcgagaag caggggccag 120
aaattcacac aagtggcatg gctcattgat tgtgggagac tctggggggc tcctagctag 180
tgcattatgg gaaccaggct gtggagggtg cag 213

<210> 34111

<211> 202

<212> DNA

<213> Homo sapiens

<400> 34111

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tagttttata ctattgtcag gaggatttaa attatcctaa aaaggtaatt tattctctgt 180
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<210> 34112

<211> 353

<212> DNA

<213> Homo sapiens

<400> 34112

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mtttccccc	cataagccaa	ggaggtagaa	ttactaatac	aagggttaaa	gaaggtagat	120
tttgTTTTca	atatttgggt	aatattagaa	agattcttcc	cacagggaag	aactagcaag	180
tgtcccaatt	TTTTTccaaa	cgTtggggag	gggaaaattc	actgtatcat	gaaaccctaa	240
gggtTtgTtg	cacttctctg	TTTTtaggcc	tggataacag	tatcaccatc	cttatttaca	300
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<210> 34113
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 <212> DNA
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agtccagcat	cctggTtcag	gcttctgtmt	gcagtcagtg	ggcataccat	gtacmtgkct	120
aggaatgtg	gaaagaggta	taattgtcta	cc			152

<210> 34114
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 <212> DNA
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<400> 34114						
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aacaaatgtt	tgTtatatac	actagtgggt	tgagaaactt	actggctcat	aacatttatt	180
aaaattgaag	ccaggcttgg	ttgggtgcag	tggctcacac	ttgtaatccc	agcagtttgg	240
gagactgaga	caggcggatc	acttgagatc	aggagtTtga	ggccagccta	gccaacgtgg	300
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gtcctagcta	ctca					374

<210> 34115
 <211> 357
 <212> DNA
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ctcctcctcc	tctcaggtt	tggaggggca	ttggaaagga	aatgactttc	tcactgtgca	180
atgccaggct	ttgttcaagc	atttgggaaa	acaatgagga	ggcagcttat	tcccagctcc	240
agatctgatg	gctggaactc	cagttgccat	cttagatcat	taagtndwag	agacttgttg	300
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<210> 34116
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tagatacaat	tgtgattgga	tacttagata	ctaagtgaag	cttagtgtaa	caattttgat	120
ctgttaaatt	ggattttaca	tgtacatttg	aatgccagaa	tttctaaata	aatcccctgg	180
tc						182

<210> 34117
 <211> 158
 <212> DNA
 <213> Homo sapiens

<400> 34117
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 tatctttaaa attgagcaag gggagtagrt agtrattaat tgaagagaga grtagggaag 120
 agttacctat ttgtaacatt tgtattttaga gtggcaca 158

<210> 34118
 <211> 125
 <212> DNA
 <213> Homo sapiens

<400> 34118
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 aaaagaaatg cgtggacagc agtaagtagc ttattttwag tattgctkda ctttctccc 120
 caccc 158

<210> 34119
 <211> 86
 <212> DNA
 <213> Homo sapiens

<400> 34119
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 aaagggaggs agggagccac ccgggt 86

<210> 34120
 <211> 99
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 <213> Homo sapiens

<400> 34120
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 tagacagaaa atgaatgama aattaaatgt catatcaga 99

<210> 34121
 <211> 114
 <212> DNA
 <213> Homo sapiens

<400> 34121
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 gtgatccacc caccttggcc tcccaaagt ctgggattac aagcgtgasc acct 114

<210> 34122
 <211> 83
 <212> DNA
 <213> Homo sapiens

<400> 34122

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<210> 34123
 <211> 363
 <212> DNA
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<400> 34123	
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tggcaaaaaga tggtatggca ggggaatagag aggttttaaatt actgatgaaa taaaggggtca	120
ccatctcctt aggcacaggg aacagcttac tttttgccag atttctttaat tccacttgtg	180
gccaaggggc ccttccccgt ggccttccat tttagctcct cgagtttctt ctgctcctct	240
ttttgtttct gcttgaaagc cttatcttcc tcgtccatct ccttggcctg cattcttggg	300
ctgtttcagt ggcttcttgc caccttcgtg gccggacatg gcgcctgccc scccttcccc	360
atc	363

<210> 34124
 <211> 336
 <212> DNA
 <213> Homo sapiens

<400> 34124	
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aaggaagatt atttttcctt ctctataggt gcttgagggt aacgagggga aaggagttga	120
aaggaagggtg acatttcagc taatctgctt cgcgctactt ttttgagggtg ggcacctggg	180
atggaggcaa ggaatcacga agtgcgctctc ctcggaaggg gcagcctgat gtctttaacc	240
actgractgt ggtttccaac tggatgcgct ttgggttcag ggctaagaca cgcgtaggcg	300
gtgcagacag ttcaattcgt gggcggtctt ttctct	336

<210> 34125
 <211> 242
 <212> DNA
 <213> Homo sapiens

<400> 34125	
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agcggggaaa tagacagacg gttggaaaaa aaaaactgra grtcacacaa aaagagagga	120
aatccaaatc tcctcccaa gtgccattg tgattcagga cgatagcctt cccgcggggc	180
cccctccaca gatccgcac ctaagaggc ccaccagcaa cgggtgtggtc agcagcccca	240
ca	242

<210> 34126
 <211> 302
 <212> DNA
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<400> 34126	
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gaatgctact taaaagataa tactcttagg gaatgtggag ctaattcatt gtgaattact	120
tgaggaaatt gaactcacia caagtatata gagacagggtc cccagggttaa aaagtgagtc	180
acagatttta aaaactcaga gtattttgtg accaatagca tttgaagtta tgcaaatcag	240
ataaagataa tcaaattctca taccacagca cagaaattga ttgccccggg gatccagcgc	300
ct	302

<210> 34127
 <211> 394
 <212> DNA
 <213> Homo sapiens

<400> 34127
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 ctgcccacgg cttaggtaaa cttttcttgt ttagctcaaa aaaatcatag aacaaaagtt 180
 tccttcaccc atatttcttc cttggaactt tggaatttta aggtaggcac tgcagacgct 240
 ttgaaatttt aaggtagtcc ctttttagatg cccacctact tcctttttgt acctcatttg 300
 atttcatgta attggtgtga accaaggggt aacaatcccc aaattccact acttgctatc 360
 catactagaa aaaagaatca acattttatt actt 394

<210> 34128
 <211> 328
 <212> DNA
 <213> Homo sapiens

<400> 34128
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 aagctgctta gcttttctat atctgtgttc tcgtcagtaa aatagaaatt gtagggctgg 180
 gcgcggtggn tcacgcctgt aatcccagca ctttgggagg ccgaggcggg cggatcacga 240
 ggtcaggaga tcgagaccat cctggctaac acggtgaaac ccattctctac taaaaatara 300
 aaatraatta gccgggcgtg gtggagggt 328

<210> 34129
 <211> 157
 <212> DNA
 <213> Homo sapiens

<400> 34129
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 ttccattggt ctatgtgtct gcttttgtac cgttact 157

<210> 34130
 <211> 232
 <212> DNA
 <213> Homo sapiens

<400> 34130
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 actgctsyga aaatttctct gagtaattct gatttgtgaa tgatcccaga ccaaccctga 180
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<210> 34131
 <211> 60
 <212> DNA
 <213> Homo sapiens

<400> 34131
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<210> 34132
<211> 326
<212> DNA
<213> Homo sapiens

<400> 34132
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aattactgaa atattcacia cagatgcatt gcccaagaaa gactttcctg ctaccatctt 180
cacaagtaac tctctaata gtcttcaata atatgggaca atgtaggcaa tcagagtcag 240
gggttcagct tccagtctaa tgctgccact tatctcaagc tgcacaataa ctgtaacaac 300
agtaactaca agagactctt tttttt 326

<210> 34133
<211> 137
<212> DNA
<213> Homo sapiens

<400> 34133
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tcctgtgtcc tataggtcaa atgttatcca ctgtcaagat cagcttcgtt tagattaaca 120
acattaatcc ccaccac 137

<210> 34134
<211> 112
<212> DNA
<213> Homo sapiens

<400> 34134
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cttcttgat cttttcttgt ttctccttg tttttgactt tttctggaca cc 112

<210> 34135
<211> 68
<212> DNA
<213> Homo sapiens

<400> 34135
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ggaaaagt 68

<210> 34136
<211> 205
<212> DNA
<213> Homo sapiens

<400> 34136
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aaaattccag aatactttat attttcttga aggttaacttt tttgcattg ttttaaggta 180
ttgttacttt atttacagcc aacgg 205

<210> 34137
<211> 164
<212> DNA
<213> Homo sapiens

<400> 34137
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caatagggtt taaaatcttg gagccgtctt cccaatacc cctc 164

<210> 34138
<211> 274
<212> DNA
<213> Homo sapiens

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gacttagact ctgggtttcag acagaccctg gttcaaattc tggatccatc agtttcaaac 180
tatgggaagt tgactaatta cttaacttct ctaagtctca ggaacatcat ctgaatatgt 240
aaaaaaaaat agagcccaca taacgagttg tcat 274

<210> 34139
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<212> DNA
<213> Homo sapiens

<400> 34139
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tcatctggag agtgagctgc actgttttcc ttcagtgtctg tttagaagag ctttcggaga 180
ccagaaacat gttctttttg cattacccea tatggtagca ctagccgcc 230

<210> 34140
<211> 188
<212> DNA
<213> Homo sapiens

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tagctttcag tttgttttga tatatatgta ggagtgaat tgttgggtca tatggtaatt 120
ctgtgtttta tggttttgagg aactgccata gtgtttttca cagcagctgc accagtttac 180
atccaacc 188

<210> 34141
<211> 134
<212> DNA
<213> Homo sapiens

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ttggtagagg cagc 134

<210> 34142
 <211> 214
 <212> DNA
 <213> Homo sapiens

<400> 34142
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 aatgactgat ttcaagtttg atttcgggtt grattgattg attgatagaa agaaagttgc 120
 ttttcttttg agaattaaaa actttggctt gatttctttt ttccctttgc ttatatctag 180
 cattagaatt ttgtcttaaa ataacagcgg taag 214

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 <212> DNA
 <213> Homo sapiens

<400> 34143
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 gctagtcgcc gtgctgagga taatttcctc acattcagga tcttatttaa tttcacaaca 120
 atctgatgtg ggccacaaag cactgttggt atcctcattt ggcaataaga agactgagtt 180
 ctagagaggt ggaataagca acttggtgca gtcatttttt tttttttttt ttt 233

<210> 34144
 <211> 335
 <212> DNA
 <213> Homo sapiens

<400> 34144
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 tgagcttctt agggaaacat taatggatca caaacttgga gggctgtatg gtttttcatt 180
 taagaaagta attgtcgtgc aataaagtta ttaagccttg tttaagaata tttttatttt 240
 gtacatcaag tggagttgga aatagttggg ttcataatga tatatttcaa aagtatcttg 300
 aagtcacatctg gttcatttca ctaccagggg caca 335

<210> 34145
 <211> 124
 <212> DNA
 <213> Homo sapiens

<400> 34145
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 aatcagttat gttgaagaaa tgccctgcact tavsrtatkc attgcagcat tatttacgat 120
 agca 124

<210> 34146
 <211> 116
 <212> DNA
 <213> Homo sapiens

<400> 34146
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 aataatgtat atttcaaaat agcttaaaga atagattttt aatgttctca ccaccg 116

<210> 34147
 <211> 108
 <212> DNA
 <213> Homo sapiens

<400> 34147
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 ttgtattttt tagcgtttca agagcataat tccccttatg gtatgtct 108

<210> 34148
 <211> 109
 <212> DNA
 <213> Homo sapiens

<400> 34148
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 ttccccatga atgaagagtt tcacagctct aaggtaccac ctccagcac 109

<210> 34149
 <211> 192
 <212> DNA
 <213> Homo sapiens

<400> 34149
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 tttttttttt tt 192

<210> 34150
 <211> 310
 <212> DNA
 <213> Homo sapiens

<400> 34150
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 caaaggggca gacagccagc gtgtcaaatg gtaacagcag gaggagagaga gaggagagga 180
 aggtcacaga ctctttttaa caaccaaact ttgtgtgaac taattgaggg cgramtcact 240
 tgtcaccaag gggatggtgc tacaacattg ataagggttt ctctcctatg mtacaahng 300
 gdtcccacaa 310

<210> 34151
 <211> 243
 <212> DNA
 <213> Homo sapiens

<400> 34151
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 tgggtactgca ggtgtgcacc accatgcctg gctatttttt tgtattttta tagacgggtt 180
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 cca 243

<210> 34152
 <211> 98
 <212> DNA
 <213> Homo sapiens

<400> 34152
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 gagatgccct ctgacttctg rgrrcarctg gaccaccc 98

<210> 34153
 <211> 106
 <212> DNA
 <213> Homo sapiens

<400> 34153
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 tttcttktct tkkctttttt tttgagaggg agtctcgctc tgttgc 106

<210> 34154
 <211> 87
 <212> DNA
 <213> Homo sapiens

<400> 34154
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 acttatcatt cagatggttaa tttaact 87

<210> 34155
 <211> 127
 <212> DNA
 <213> Homo sapiens

<400> 34155
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 gagagtgaga ggataggact caggctttgc cgacgaccag aatattagrt attawyaatk 120
 gcccgac 127

<210> 34156
 <211> 345
 <212> DNA
 <213> Homo sapiens

<400> 34156
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 gaggtggatg atgatggctc ataaaaacgt ttgtttctcag tccagttcag ggstctgcma 120
 gcagtctttc agatttgaac tgcttaaac aaccctacag ataaattggc actctgattt 180
 gtaattctgt ttgtacaagt ttagagcagc ctagctcgag tctcaaccc cagtcctctt 240
 msaagtgaac tgattgcact ggatccctaa acccacaatg ttgaggacac atgtgatgac 300
 tccacttgct cagccagctg gcctvnkgca ctttccctg cccac 345

<210> 34157
 <211> 288
 <212> DNA

<213> Homo sapiens

<400> 34157

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caaatgcctg	gcacaaagga	gacctcagt	aatgtttgct	gaagaaacca	aggagtaagg	120
attwacgtgc	agggaagcaa	ctcagacact	gcaaagaaat	attaaagaag	ggcaagtgc	180
aggggccctt	tcnmtccttc	aatacatgtc	agaaggagt	gacagtggcg	agacggtccc	240
taaagggttt	tgaagcccaa	ggagggatg	aggtttgcc	ctggattt		288

<210> 34158

<211> 188

<212> DNA

<213> Homo sapiens

<400> 34158

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ggtgagaaga	ttgcttgggc	ctgggaggtt	gaggctgcag	tgagctatga	ttkgctccca	120
gtttgggcaa	cagactgaaa	ccttgtctca	aaaaattaaa	aaatgaaaaa	gaaaccagta	180
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<210> 34159

<211> 309

<212> DNA

<213> Homo sapiens

<400> 34159

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tgctagcatc	ttctcacgtt	ctggtgaggg	cctcaggaaa	gtttaaatca	wggcagaatg	120
caaaggggca	gacagccagc	gtgtcaaatg	gtaacagcag	gagggagaga	gaggagagga	180
agggtcacaga	ctctttttaa	caaccaaata	ttgtgtgaac	taattgaggg	cgaactcact	240
tgtcaccaag	gggatgttgc	tacaacattg	ataaggtttt	ctctcctatg	atacaatcwc	300
ctcccacaa						309

<210> 34160

<211> 259

<212> DNA

<213> Homo sapiens

<400> 34160

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ccctgggcgg	gtggagaagg	gctctgggcc	attccctggt	ctggtgtgtg	ggaatagggtg	180
gggcaggcat	cgtgtgactg	tcagtgtctac	tgacagggtg	cagagccccc	tgaggactgg	240
ccagcactaa	tttggcaac					259

<210> 34161

<211> 103

<212> DNA

<213> Homo sapiens

<400> 34161

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cacattgttc	cgtgtcagc	ttastataca	acrccasctt	ccc		103

<210> 34162
 <211> 283
 <212> DNA
 <213> Homo sapiens

<400> 34162
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 tcacctggca atgtgcattt aaatttccct ctatgtcttt tcatggggtg atagctcatt 120
 tcttttttagc actgaataat attttgggtg taccacagtt caccattca tataactaaag 180
 gacatcttag ttgcttccag gttttagcaa ttatgaatca agctgctata aacattcatg 240
 tgtaggtttt tgtgtagaca taagtttgca cctccttggg gat 283

<210> 34163
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 34163
 tattttcttg tgagttcatc taaatgagtg gaaggatgcc tgtaatatatt 50

<210> 34164
 <211> 296
 <212> DNA
 <213> Homo sapiens

<400> 34164
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 agcctcccaa accgcttcca taaggctttg cctttccaac ttcagctama gtgttagcta 120
 agttttggaa agawggawra aagaaaatcc ctggggccct tttcttttgt tctttgcaa 180
 agtcgtcggt gtagtcntth tgccaaggc tgttgtgttt ttagagggtc tatctccagt 240
 tccttgcaact cctgttaaca agcacctcag cgagakcagc agcagcgata gcagcc 296

<210> 34165
 <211> 61
 <212> DNA
 <213> Homo sapiens

<400> 34165
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 t 61

<210> 34166
 <211> 253
 <212> DNA
 <213> Homo sapiens

<400> 34166
 gtgtaatctc agctcaactgc aacctctgcc tcccaaattc aagtgattct cctgcctcag 60
 cctcctgaag taactgggat tacagggtgca taccaccatg cctggcacat ttttgtaatt 120
 ttttagtagag acagggtttc acccatgtta gccaggctgg tctcaaactc ctgacttcag 180
 gtgattcgcc cccctcagcc taccnagggt ctgggaatac agattatagg catgagccac 240
 tgcgcccggc gcc 253

<210> 34167

<211> 187
 <212> DNA
 <213> Homo sapiens

<400> 34167
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 aaaaaagtat tttctccaaa cattgcatat gtataaagca aaaattttca graattaaga 120
 gaaggagaac atgtatgtgt ttgggtgttt aagtttgaaa taaaatgttg ccaaaggag 180
 ggccgta 187

<210> 34168
 <211> 257
 <212> DNA
 <213> Homo sapiens

<400> 34168
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 taagagacat gtaagggcaa ccttgatca cacaggaagg atttgggggt ttattkraag 120
 gctyctggaa agaagaaatr ttttaagggtg taaattaact tgttttaaat tttttatfff 180
 tgtgattaac actgtgagat atttatgtac ctagtccac ttctgattgt atgttgagtg 240
 tgtatttctg ggagaat 257

<210> 34169
 <211> 372
 <212> DNA
 <213> Homo sapiens

<400> 34169
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 gatattcaat aggggaactga gagagagaga gagaaggag aatttgggga agagaatarg 120
 ggtggaaggt gggcttttra attgttttgc ttttaggaat agttaaata ttaagtagcc 180
 tattacagtg tgaatagagc aagttttcag ctaaactttc taacagaatc tacatttgat 240
 tcttctctct ctgtagagag gcttacattc atttggaggg gaactaatcc cgtgacttct 300
 aggttatctc ttagtttctt ctvngwatg acattattgg cagacactag aggacttaag 360
 ggagagcggc ta 372

<210> 34170
 <211> 122
 <212> DNA
 <213> Homo sapiens

<400> 34170
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 ttgacatttt agagtggata aatttttttg tgcttttttag aatgttttagc agtrwtscyt 120
 aa 122

<210> 34171
 <211> 290
 <212> DNA
 <213> Homo sapiens

<400> 34171
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 atcttactac tgggcatata ttcgaaggaa atgaagtaag tatgttgaag agrtctttkg 120

cactcccacg	tttattgcag	cagcattcac	agtagccaca	atacaaacca	accatttcagc	180
agatgaatag	atacagaaaa	tgtggtgcat	atacacaatg	gaatactatt	aagcctttaa	240
aaagaaggaa	attcgggtcat	ttgctataac	atggatgaac	ctbaaggact		290

<210> 34172
 <211> 279
 <212> DNA
 <213> Homo sapiens

<400> 34172						
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gcagtggctg	gtactgggtg	tttccttcca	tgcttagtgc	ttccttcagg	agctctttta	120
rgdmcaggct	tgggtggtgac	agaatctctc	agcaynwgt	tgtctgtgar	ggatttwatt	180
tctccttcac	tkatgaagct	tagtttggct	atgaaattgg	atatgaaatt	ctgtgttgaa	240
aattcttttc	tttaagaatg	ttgaatattg	gcccccgac			279

<210> 34173
 <211> 232
 <212> DNA
 <213> Homo sapiens

<400> 34173						
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cagcctggac	aatatgatga	aaccccatct	ccacaaaaaa	ttagctgggc	gtggtggsar	120
gtgtctgtag	tcccagctac	ttgggaggct	gtggtgggag	gatcgcttga	gcacgggagg	180
cggaggttgc	agagagccga	gattgsacca	ctgcattcca	ggccgggcaa	ka	232

<210> 34174
 <211> 95
 <212> DNA
 <213> Homo sapiens

<400> 34174						
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gctgggatta	cagatgtgag	ccaccatgac	tggct			95

<210> 34175
 <211> 251
 <212> DNA
 <213> Homo sapiens

<400> 34175						
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aaattaatac	cactaccgt	gaattatatg	gcctgacaat	atgaattagg	tgtactgtac	120
tgaagaacag	tactccacaa	acatgggtg	taacaagagt	tccatcccag	gaggccaaac	180
ggtgcaacag	aagggtaggt	tagatgctat	taagaaggca	cttaatagta	catcatgtaa	240
gatggccact	c					251

<210> 34176
 <211> 235
 <212> DNA
 <213> Homo sapiens

<400> 34176

atatgtaaaa	aatgttggct	tctcttcccc	ttgctgatcg	tataaaagga	ctaagaactc	60
tcacaaacta	gaactgggtc	ctgagaaaatt	cacatttggt	gaattagtat	tgattttatk	120
tatcttcaga	ttacatttgt	tacaggtgtg	tgccttttct	gcaactacct	tttgaaaaga	180
tagcctaatt	aaaagtcttt	ctatcccccc	ttcagaattt	acaactgaga	tgcta	235

<210> 34177
 <211> 340
 <212> DNA
 <213> Homo sapiens

<400> 34177						
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aattgggaaa	tttaattcat	ttacatttca	tggttattat	tgatagataa	gtactaattc	120
ctatcatttt	gttaattggt	ttcttgttgt	tttgatatatc	ctttgttcct	tttttccctc	180
tccttggtta	ttatttcagt	ttgttgggtt	tctgtagtga	taagattcga	ttcttttttc	240
tttcttcttt	gtgtatctga	tctatcagtg	agttttatac	tttcccatgt	tttcatgatt	300
gtgattatca	tcttttcact	tacggtaacc	accgggtac			340

<210> 34178
 <211> 231
 <212> DNA
 <213> Homo sapiens

<400> 34178						
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attatctgtg	ggccacactt	agaattgctg	twtttygttt	gthtgtwtgt	ctgtttgttt	120
ttgagacgga	gtcttgcgtg	gtcaccagg	ctggagtga	ctggatgat	cttggctcac	180
tgcaacctcc	tcctcccggt	ttcaagavat	tctcctgcct	cagcctcccc	t	231

<210> 34179
 <211> 172
 <212> DNA
 <213> Homo sapiens

<400> 34179						
caataatgaa	gtgaaaaaca	tgtatatata	aatacatact	tatctgtggt	aggtaatgta	60
ccctgaagaa	ttttccatga	aactggtgtt	atgcatatatt	aatacatatt	tagataattt	120
ggtatatgat	ttagagactg	tatgatcttt	ttttcttgtg	atgatgggaa	ac	172

<210> 34180
 <211> 101
 <212> DNA
 <213> Homo sapiens

<400> 34180						
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ggtgcagttt	tgtaagcaaa	cttttgttcc	caccggattg	g		101

<210> 34181
 <211> 173
 <212> DNA
 <213> Homo sapiens

<400> 34181

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 ggtagcctgt tacagtgtctg gattcawaaa aagggccttt atggtttgtg aaagaatatc 120
 tgtgtgctta gggaggaaac tttttgatct gcagaaaagc cagaagacat ctt 173

<210> 34182
 <211> 147
 <212> DNA
 <213> Homo sapiens

<400> 34182
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 ttttactcaa cttttctttg ttttgaaaac tttgtttccc atactgtttt cagccttttg 120
 tttataatta gaaattgtga gaagcaa 147

<210> 34183
 <211> 170
 <212> DNA
 <213> Homo sapiens

<400> 34183
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 tatcccaggc tagagagcag gaccctgtct cagaaaaggg ttagaactgg ggttgaaacc 120
 tgtgttagta tgatgactaa acccaastct taacccttac atgctcccc 170

<210> 34184
 <211> 203
 <212> DNA
 <213> Homo sapiens

<400> 34184
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 acttctgttt gtggttctca aatctcccc aattgagtkc cagtaaaaga caaacttggg 120
 gagtgccacc ttatctctat aactgtatac cttttctatt gctcactcca gccagatgen 180
 atatccttgc caagcacct ccc 203

<210> 34185
 <211> 159
 <212> DNA
 <213> Homo sapiens

<400> 34185
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 ctgtggattc agatactgtt tttctcccga aataggaaat tggcttattt ttttctctc 120
 ggcagcatct taatttaaaa tatgacactt gaccgggc 159

<210> 34186
 <211> 137
 <212> DNA
 <213> Homo sapiens

<400> 34186
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 crvcaaaaaa cccccgc 137

<210> 34187
 <211> 158
 <212> DNA
 <213> Homo sapiens

<400> 34187
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 tctgcctaaa tccgaagctt ccaccctcct ctgcctctgt gacttgctgc gtgrcttttg 120
 gaagctttcg gaaactcagt ttccctgtct taagccca 158

<210> 34188
 <211> 203
 <212> DNA
 <213> Homo sapiens

<400> 34188
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 cttttcctaa ggatgtatct gtggtgtag ttgggtaagg tattttggct ttgattctgt 120
 gtgcatgcag tagtgtggtc tctgtatgat ttctttgact gtacactttg ttagttgcat 180
 gtgaaattcc ctccgtggca gta 203

<210> 34189
 <211> 83
 <212> DNA
 <213> Homo sapiens

<400> 34189
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 ctgcctcagt ctcccagata gct 83

<210> 34190
 <211> 315
 <212> DNA
 <213> Homo sapiens

<400> 34190
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 ctgttkvcaa ctccataaaa acatttcaga ttttaatccg aatttagcta atgagactgg 180
 atttttggtt tttatgttgt gtgtcacaga gctaaaaact cagttcccaa atccccagtt 240
 tatgcagcgc catcaggtat ttttaagctaa ackkcttcac ccctgagagc atgtcagctg 300
 gagaaaagca gttct 315

<210> 34191
 <211> 235
 <212> DNA
 <213> Homo sapiens

<400> 34191
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 attctaagga gcaggtgata ctaagaacct ctattctgca ttatctatta gctctctgca 120
 tttcccggtc ataacttta ccaattcaat ttaatgcaat attaatttat tgagcatctg 180
 ctacgtgtaa aggataactt ggtgaataat tagtgaataa aacatacagg atcca 235

<210> 34192
 <211> 178
 <212> DNA
 <213> Homo sapiens

<400> 34192
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 tcatttaatt ttaaaaaaca ggtattcaat aaaattttat gattaacccat ttatatattg 120
 ctattcttat tktttcttta aaattaacaa taggaatcca gaaacgtttc ggaccacc 178

<210> 34193
 <211> 141
 <212> DNA
 <213> Homo sapiens

<400> 34193
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 tgtgtaggcg ggacagggca cgggcggggt ccagagaggg ggcaagtgcag atgtctatat 120
 acacacacac acaccgccac c 141

<210> 34194
 <211> 282
 <212> DNA
 <213> Homo sapiens

<400> 34194
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 aagagaraaa aaaagawaga gggrcattkg rcaattytaa agmaacaaca agarattrga 120
 atgraaatct gtgacaaaca gcgtcagtggt ggccatgtcc acattcctac atgtctctct 180
 ctacaagcac ctctctarga agcctgacat cccggtggac tcttkrtagt catgtacact 240
 tgrttccagr tgagcwctgg tcttatctgg atgctcagak aa 282

<210> 34195
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 <212> DNA
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<400> 34195
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 cctgccca 128

<210> 34196
 <211> 164
 <212> DNA
 <213> Homo sapiens

<400> 34196
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 aacagtcatt gaattgtaca cttcaagtga gcgartttta tggtatgtaa attatacctc 120
 atgaaaactt acgtaaatgg atgagcaaag gtgtaccagg ccca 164

<210> 34197

<211> 328
 <212> DNA
 <213> Homo sapiens

<400> 34197
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 gtgagacccc atctctatat tcttcaataa agaaaaataa aagtttccct atcattgtac 180
 agaggaaaaa cagaagttga aaaaactccc cccagaccga gttggggcca actttgatca 240
 cagctccagg accagtgcag gctggctgcc ctcttttggc cgcgtctgga ataatggacg 300
 ccgctggcag tccaggtawg tgtgttca 328

<210> 34198
 <211> 263
 <212> DNA
 <213> Homo sapiens

<400> 34198
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 gttgcagaga agtttggctt ttcgttaaat tgcacccttt cttcccagat gcacaccggc 180
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 atgcctctgt caaggagtgg aca 263

<210> 34199
 <211> 165
 <212> DNA
 <213> Homo sapiens

<400> 34199
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 ttgcatgtga tgaggagtgt ttacttcca attrtgtgat aaattttaga ataagtgctg 120
 tgtggtgctg agaagaatgt atattctatt gctttggggt agaaa 165

<210> 34200
 <211> 238
 <212> DNA
 <213> Homo sapiens

<400> 34200
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 aaaccatata ccagagatga aacatttcgt gggcttagaa aagaaaatta agcagatgga 180
 aatgagacat gcacaaagag aacaggaact tcaacagata atacagcaaa cacaccaa 238

<210> 34201
 <211> 293
 <212> DNA
 <213> Homo sapiens

<400> 34201
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 tctatgaaaa aaaggaaata tvaagsatcc kbcyccta at tcagtcttcc aycacctgca 120
 gggmgtccaa ttcttaaaaa gtacttcaca aaagaagact gtgttttcaa agcaaactag 180

attttaagaa accctatggt cgaatgtaaa tgmaaaagca aacgagacat tttctaacct 240
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<210> 34202
 <211> 198
 <212> DNA
 <213> Homo sapiens

<400> 34202
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 aactagtgtc agacaattca cctgraagkb ccaataactt tggaaccaa gttagatgtc 120
 ataaaacact acatagaagg ccagactact gctgtgacaa tttaggagac agcactccgt 180
 aaaatatcag aggcaatg 198

<210> 34203
 <211> 171
 <212> DNA
 <213> Homo sapiens

<400> 34203
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 atatccagaa tctacaaaga acttacacaa atttacaaga aaaaaaaccc ataaaaaagt 120
 aggtgaagga tatgaacaga cattttctcaa aagaagacat ttatgtggcc a 171

<210> 34204
 <211> 165
 <212> DNA
 <213> Homo sapiens

<400> 34204
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 tacatgtgcc atgttggtgt gctgcaccca ttaactcatc atttaacatt aggtatatct 120
 cctaattgta tcctctcccc ctacccccac cccacaacag gccct 165

<210> 34205
 <211> 248
 <212> DNA
 <213> Homo sapiens

<400> 34205
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 gaccagcctg gccaacatgg tgaaacaccg tctctactaa aaatacacac agaaaaatta 180
 gccacacgtg gtggcaggca cctgtaatag ctatttggtg ggctgaggca gaagaattgc 240
 ttgaaccg 248

<210> 34206
 <211> 172
 <212> DNA
 <213> Homo sapiens

<400> 34206
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tagctataca ttctttctgt tattctttgt atcttcttgt ttctagggcc ac 172

<210> 34207
<211> 156
<212> DNA
<213> Homo sapiens

<400> 34207
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gtctttaaagg tagataagggt tttttttgaa aaaaatcctt actgctaata accaaatact 120
taaaccttct tgatttcagc atttttaatg gaaccc 156

<210> 34208
<211> 237
<212> DNA
<213> Homo sapiens

<400> 34208
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cattctttta gaacctgacc cagtaccagc atatgctctg aaactgctag tcgcgatgac 180
tgaacacaac ccaactttca caagacttgt ggaagaaagc aaactgatcc cagctca 237

<210> 34209
<211> 208
<212> DNA
<213> Homo sapiens

<400> 34209
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gaagaagara aggc aaatcc ggcctggaag cggggggccc tgarctraga gccagakaag 120
ggccatttcc cttccccctgg acctcggaat cgcccagcta tctatccctg gctcctggag 180
aaacttgagg gagggccctt gaccccca 208

<210> 34210
<211> 130
<212> DNA
<213> Homo sapiens

<400> 34210
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acttgtgatc cacctgcctc agcctcccam agtgctgggg attacaggcg tgagcyaccg 120
tgccctgccca 130

<210> 34211
<211> 253
<212> DNA
<213> Homo sapiens

<400> 34211
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tcattatcct caaaatagcc ataatgtgct gagtctcttc ctatttgctg ggcagaggct 120
gagtadtcca gcgagctcac tgagtcctta aaattgcatt atgatagaga gaaagagatt 180
attattttgca ttttgcaaaa tgaagaaatt gagtttttaga gatacccaag ggccacgtga 240

gtgtgagtgc cgt

253

<210> 34212

<211> 112

<212> DNA

<213> Homo sapiens

<400> 34212

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tgtttcaaag gaatcttgtg gtaagtattt ttgcatgatg tactcaaggc tg 112

<210> 34213

<211> 119

<212> DNA

<213> Homo sapiens

<400> 34213

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cctctttcta aaaagtcaaa aaaatamcag ctagtaagggt tgtggagaaa agggaacga 119

<210> 34214

<211> 183

<212> DNA

<213> Homo sapiens

<400> 34214

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gctcccagac ccccgagggt cgtarsgaac ccgttcctgg acgctgacgt cggctttcag 120
ggatccctcg ccggacgccg cggagggaca gagcttggga agccgtcgcc ccgccccgtc 180
ccc 183

<210> 34215

<211> 350

<212> DNA

<213> Homo sapiens

<400> 34215

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cccaaaaccc ctaaacctgg agaaacttgg gggaagaata tctgggtcag tggcttggag 120
agtagccga ggtgaaatgg gtctacagag aaaagaaacc ttgtttattc cctgtgaaaa 180
tgagaagatt tctaaacagc tccacctttg ttacaatatt gwgaagatc gttatgtttg 240
agtttcaaat aacaatcaaa ccatttctgg atgggagaat ggcgtgtgga aaatggaatc 300
tatattcaga aaagttgaaa cagactggca catggtatat ttggccctaa 350

<210> 34216

<211> 264

<212> DNA

<213> Homo sapiens

<400> 34216

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tagasacatg agtcagtgtc tataaaatgg cacttaacta atttyyttct tttattaagt 120
tttatttcac aggcttaacc aatacgtgtt aaaagcaagt tacattttct cttttaggma 180
attatmcatt ttctctcagt aagtgtttat gatgcacttc cattgacaag acttgaagga 240

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264

<210> 34217

<211> 375

<212> DNA

<213> Homo sapiens

<400> 34217

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aggaatttct	taaacttttg	tactttgaca	tgctgataag	ctccagaatg	atattatata	120
ttagctaaag	atgaattatg	ggttttgggt	ttccatttcc	ttaaatcaac	agcatgttca	180
gttacagcac	attgctaagg	gttaattttc	aaaccaatga	gtggtgagaa	gggctagtga	240
aaataaaagg	ggaaaaaccc	aactataact	ggtaaaactc	tttctatgtg	aataatattt	300
tktcttttgc	atttgctgtg	tcttctggag	gaatgacagt	tgtgtaattc	agtctggttg	360
gagagacagg	caacg					375

<210> 34218

<211> 264

<212> DNA

<213> Homo sapiens

<400> 34218

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tattttat	atattatktat	ktatttttga	gggtgtagtct	ctgtcgccca	ggctggagt	120
cagtggcatg	atctcgatct	tggctcactg	caaactctgc	ctcccggtt	caggcgattc	180
tctgcctca	gcctcccgag	tgcgtgggaa	tacaggcacg	caccactgtg	cctggcta	240
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<210> 34219

<211> 225

<212> DNA

<213> Homo sapiens

<400> 34219

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agattatgca	ctatttgtct	ctctgtatct	ggcttattct	acttagcata	caatttgcca	120
ggttcatcta	aattgtcaca	tatggtataa	atttccttct	ttattaaggc	tggaattat	180
tccattgtgt	gtgtgtgtgt	gtgtataacc	ttcaccaccc	cttga		225

<210> 34220

<211> 285

<212> DNA

<213> Homo sapiens

<400> 34220

attctaaaag	ggtaggggggt	gtacgaacag	ggagtaggtc	acaaagatca	catgcttcaa	60
agggcaaaag	ggagaacaaa	gatcacatgc	ttctgaggaa	acaggacaag	ggcaaaatca	120
gaactactga	taagggttta	tgttcagctg	tgacagctatt	gtcttgataa	acatcttaaa	180
caacagaaaa	cagggttcaa	aagcagagaa	ccggtctgac	cacaaattta	ccagggcaga	240
gttttttccc	caccctaata	agcctgaagg	tactgcagga	gacaa		285

<210> 34221

<211> 249

<212> DNA

<213> Homo sapiens

<400> 34221

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ctgtaaaccc	agcactttgt	gaagaccgag	gtaggcgaat	cacttgaggt	caggagtcca	120
agaccagcct	ggccaacatg	gtgaaacacc	gtctctacta	aaaatacaca	cagaaaaatt	180
agccacacgt	ggtggcaggc	acctgtaata	gctatttggg	aggctgaggc	agaagaattg	240
cttgaaccc						249

<210> 34222

<211> 64

<212> DNA

<213> Homo sapiens

<400> 34222

ctctcaagct	tggcgtwtgt	ttggtggggg	tacacgcggg	tkcaacatgc	gtatcgaaaa	60
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<210> 34223

<211> 124

<212> DNA

<213> Homo sapiens

<400> 34223

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cgtgascact	gcacctggcc	cagaagtaga	tttttaatgc	tgatgtcagg	gtagacaggc	120
agct						124

<210> 34224

<211> 205

<212> DNA

<213> Homo sapiens

<400> 34224

cagtagtcaa	tgaatggaac	aatgtcttgt	gagcccctat	cacttgtctc	atacggagaa	60
acagggcagc	tcattaccag	agccctgggc	accacatcca	ctagtttgta	aaacttaggt	120
tttacacatc	tcccatcacc	acgggtggag	gctctgagaa	tgacactaac	tcacaactac	180
tacttcttat	gcgaaccctc	cctcc				205

<210> 34225

<211> 68

<212> DNA

<213> Homo sapiens

<400> 34225

atgcacactt	gataatgctt	tgatagtagt	gctggctctgt	tttgcttttt	tttttttttt	60
tttttttt						68

<210> 34226

<211> 281

<212> DNA

<213> Homo sapiens

<400> 34226

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tgccaccatg	cctggctaata	ttttcttbwt	gtatttykaa	atagaaacag	ggtttggcca	120
tattgccag	gcttgtctca	aactcctgag	ctcaagggat	cttcctgcct	tggtctccca	180
aagtgtggg	attacaggca	tgctccactg	tgcccagcct	atctttctta	ttttagggga	240
gaccaaggca	ggaagatccc	ttgagctcag	gagtttgaga	c		281

<210> 34227

<211> 416

<212> DNA

<213> Homo sapiens

<400> 34227

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ctcctttgct	tcctccaagr	cttagccsaa	ctccttcccc	ctcagagaac	caaatagcct	120
gaggaagcag	gagagttcct	ggttatggca	gtttcttggg	gatttggggc	ttcaagacag	180
taggtgagag	atgctgtcag	gacgtatctt	cttcatacca	aagtcactgg	tcctttctca	240
gcctctctcg	tgcttttctc	ctaataacca	tatttttgcc	aaahnnnggg	atatgttatc	300
tgacagacca	gwwtatattg	agtttgggct	gtcctgaaag	tctggacttt	ggtggtascc	360
tcctccccc	gcccattctg	tgacatttat	actccgtgtg	ttcttcaact	ttcggc	416

<210> 34228

<211> 232

<212> DNA

<213> Homo sapiens

<400> 34228

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cagcctggac	aatatgatga	raccatck	ccacaaaaaa	ttagctgggm	gtggtggcag	120
gtgtctgtag	tccarctac	ttgggaggct	gtggtgggag	gatcgcttga	gcacgggagg	180
cggagggttg	agasasccga	gattgcrsyw	ctgcattcca	ggccgggcaa	da	232

<210> 34229

<211> 360

<212> DNA

<213> Homo sapiens

<400> 34229

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cattcaccag	tgaagccatc	tgggcctggg	cttctcggtg	tgagtttttt	taattactaa	180
tttaacctct	ttacttgcta	tagatcaatt	ttttatttct	tcttgagtcc	atttcagtaa	240
tttgtgtctt	tctaggaatt	gttcatttca	cctagbttat	cttaatttgt	tgatatwgaa	300
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<210> 34230

<211> 258

<212> DNA

<213> Homo sapiens

<400> 34230

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tttaaagggtg	gagcactgga	aamcagcctt	tccccctttt	tctgtgtatt	ggggatggga	120
gtaataacat	tttggggagg	tttttaaatc	tcccagaaga	ggaaagtggc	ctgctttggc	180
aggtgtgtgc	aggatagaat	atgtttcatt	tgttccggtg	ccaagaatga	gtgctgtact	240

acagtagttc cctgaaga

258

<210> 34231
<211> 332
<212> DNA
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<400> 34231
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taaagatgtt atttgcaaaa tgtctgatgt gtcaaaattc actatccatc tggagattgt 180
ttaaatgtgg tctgctagac tgggggtgaag aatagttctt ctcggttggc ccccaaacca 240
tctgtacctc gattacctga taagcttgtg aggttgcagt ctccagggtt tctaacccaa 300
gtcttagggc aggaacagag aagctgaaat tt 332

<210> 34232
<211> 66
<212> DNA
<213> Homo sapiens

<400> 34232
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atatcc 66

<210> 34233
<211> 264
<212> DNA
<213> Homo sapiens

<400> 34233
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tattttatatt atttatttat ttatttttsr ggtgtagtct ctgtcgccca ggctggagtg 120
cagtggcatg atctcgatct tggctcactg caaactctgc ctcccgggtt caggcgattc 180
tcctgectca gcctcccag tgcgtgggaa tacaggcacg caccactgtg cctggctaata 240
ttttgtgttt ttagtagaga cgga 264

<210> 34234
<211> 119
<212> DNA
<213> Homo sapiens

<400> 34234
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actaacaata tagcaatagt aaattcttcc cttagcaataa ttacaggaaa cgcacattc 119

<210> 34235
<211> 212
<212> DNA
<213> Homo sapiens

<400> 34235
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gaacaaagag acagtgcaca tttgttttaa tgtgmcatca aagcaagtat tgtagcactc 120
ggtgaagcag taagaagctt ccttgtcaaa aagagagaga gagagagaga gagagaaaa 180

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aaaaccacaa atgacaayma caahacggac tc 212

<210> 34236
<211> 56
<212> DNA
<213> Homo sapiens

<400> 34236
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<210> 34237
<211> 173
<212> DNA
<213> Homo sapiens

<400> 34237
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tttgtgaggc agctctttta gacgttcaga ggtaagaaat actggattta taaagcaaat 120
ggctgttttg gggattccaa ggatttacct aattgtccaa ttctacgtgc tct 173

<210> 34238
<211> 260
<212> DNA
<213> Homo sapiens

<400> 34238
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gaacccagag attgagtctg cttgccatct acactgaagc aagacttcag gaccttgaac 180
cttaggttga taatctcaca actgagaagg ggccctccaa attcttgcaa ttgtatgccc 240
attggagttt tttttttttt 260

<210> 34239
<211> 157
<212> DNA
<213> Homo sapiens

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gttttaacag attggctaata tgtaacccaa acttttctct ccaaaaagta tgcattgcat 120
ttaaatttaa ttattttgat ttgaatcttg cctgagt 157

<210> 34240
<211> 211
<212> DNA
<213> Homo sapiens

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gggactaaat atgactttaa agrgacttca aaatattgag tattttaaaa atttaaaagt 120
aggtcagttt ataacgagta aatacctaac acaccaagaa tgtgcagtga acctcaggca 180
ttaaagacac ctccccacc gccaccccc c 211

<210> 34241

<211> 151
 <212> DNA
 <213> Homo sapiens

<400> 34241
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 tgtattccag cctgggtgat agaacaagac t 151

<210> 34242
 <211> 159
 <212> DNA
 <213> Homo sapiens

<400> 34242
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 actatgagga agtaggagga gttaggaatc cctctgaggt ttccagctag ggtgattaac 120
 agacagggta tgcaaaccac ggaggcttga tgggggcct 159

<210> 34243
 <211> 75
 <212> DNA
 <213> Homo sapiens

<400> 34243
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 tgattttttt ktttt 75

<210> 34244
 <211> 143
 <212> DNA
 <213> Homo sapiens

<400> 34244
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 gtatttttat tgaatattca atgacccttt ccttcctccc aggctccag gccgtaagca 120
 tcgagagagc ctgagtcctt cgc 143

<210> 34245
 <211> 87
 <212> DNA
 <213> Homo sapiens

<400> 34245
 tctccataaa acttgactaa tttctccaac trtagatgat atctacctcc attttgaact 60
 ctggtattcc attactatct tttcctt 87

<210> 34246
 <211> 266
 <212> DNA
 <213> Homo sapiens

<400> 34246
 tggtagcaaa tatgaaacat ctattatggt gatttagtgc agagctggca ttaaaattta 60

atcatgttgt	agctggctct	ttttatgggc	tagttttatt	taggagggcc	tgccttgatc	120
aatcatatat	ccaaattcag	gtaaggatga	gtataaagaa	tttccatgga	gtgagtaatt	180
gaaccttttg	ttctcaakva	ttggtagtat	attcctgggc	acatagtaca	tagacctggg	240
tcctctactt	cttggttacc	caacta				266

<210> 34247

<211> 389

<212> DNA

<213> Homo sapiens

<400> 34247

tataaaagtc	aactgtgttt	acaagtatta	gcaatgaaca	actggaagtt	gagattttta	60
aatactat	ttt acaatagcat	sraaaattaa	aatrtrttcaa	gctgggtgct	gtagctcagr	120
kctgtaattc	cagcactctg	agaggctgag	gtgggtcaaat	cacatgagct	caggattttg	180
agaccagcct	gggcaacaca	ggaaaacctc	gtctcaacaa	aaaatacaaa	aattagctgg	240
gcatggcggc	atgcacctgt	agtcccagct	actcgggagg	ctgaggtggg	aggatgattt	300
cagcccacga	ggtagaggct	gcaatgagcc	aaaacggcat	cattgcactc	catcctgggc	360
gacggagact	ccatctccca	aaacaaaca				389

<210> 34248

<211> 109

<212> DNA

<213> Homo sapiens

<400> 34248

ccattatacc	tttcaagtca	acagcaaagc	agacagccta	ctctaattaa	tgtatccatt	60
ctaagggaaa	attatattaa	atgttarwat	ttkgaaatgt	ggtggccgc		109

<210> 34249

<211> 302

<212> DNA

<213> Homo sapiens

<400> 34249

cctgtaagat	attattttca	tccccattta	cagttgagga	atttgagggt	cagagaggtg	60
aaataaacttg	cttaaggccg	cataacywag	taaatggtaa	cacactgggg	tttaaaccgc	120
cacctgtctg	attccaaagt	ctgtgttcct	cttaatcaca	aactgtttct	aatattgaga	180
ggaccatctg	taaatagggtg	catatataca	aattgagaat	gtacataattt	tccttcancn	240
ttaagtaata	tagtcagata	atacatagaa	agttaatagt	ccttcaaate	agccatagck	300
nk						302

<210> 34250

<211> 176

<212> DNA

<213> Homo sapiens

<400> 34250

tactaattat	tgagcatcta	ctatgcatgt	gtccagaaat	gggcagtggg	gaggaaaagt	60
ttatcttgct	cgagcttgct	gcctgttggg	raagatagrr	aacagtaaat	tacaatgacg	120
gatggcttta	ctcagaatag	aatctggagt	tgtgagaact	gtcaggaggg	tgcgcc	176

<210> 34251

<211> 292

<212> DNA

<213> Homo sapiens

<400> 34251

tttttctctg	cacataccaa	agtatagtag	taatttagga	acaacaagag	caaaggggtga	60
ctcttgagat	tttgagcctg	gatggcccag	gagagagctc	tgtgcttttt	cttgattcct	120
cctaacaata	atttggttaa	caggagggag	aggacagagc	aggtaaataga	taatatcagt	180
aactacttgg	aaatagtgat	tttcatactg	cttttaaaag	aggaataaac	tggtttcagt	240
agatgacctt	atcccaagag	taattgagtt	ccccctcact	tttgaaccag	ca	292

<210> 34252

<211> 70

<212> DNA

<213> Homo sapiens

<400> 34252

gggaagttgg	ggttttgcgg	gggasgggga	gtattagtag	gttgcataaa	atagcttact	60
ttataatgat						70

<210> 34253

<211> 340

<212> DNA

<213> Homo sapiens

<400> 34253

cagtttaatt	ttttaggggt	gaatttacag	aagttagtag	gmaattaaat	tgctttattt	60
cttctaaaac	nnggacacaa	aatcataagg	ttagaacaca	ttcagttgaa	atgactgtta	120
acaaccaaca	gagctaswnc	agatagcaat	tttcattgac	acttgaaata	cccagacaga	180
aaaaaggaga	aactggagta	cagatttacg	aggttggagt	tgaggagcac	cctgggtgtg	240
maaacaacaa	aggtttggga	agggggcagt	ccttagattg	gaaagggcac	acctggtaca	300
gatgggtgtg	taaaaagtgt	ggtaaaatgc	gagcgagctc			340

<210> 34254

<211> 230

<212> DNA

<213> Homo sapiens

<400> 34254

taatttttgc	atgttctgta	tagttatggt	actacatagc	tgaaatgtta	tattaataag	60
gagttcttat	attattatga	tgcttccaca	ggttctatgg	aaagaaattt	ttttctgggt	120
tctttgttgg	gcttctttta	ctctcttaat	tgtagtaatt	tcattttaga	ctaaattaac	180
atcaactacat	gtgtataaaa	gttaacagat	ttaaacataa	tgaagtggcc		230

<210> 34255

<211> 124

<212> DNA

<213> Homo sapiens

<400> 34255

catccttgat	tctttacttt	ctcttaacac	cctgtatcca	gctggtcata	aatctagcag	60
atgctacatt	cagataacat	ctggaatcta	ttttccctat	tttctacttc	tactaccctg	120
cccc						124

<210> 34256

<211> 189

<212> DNA

<213> Homo sapiens

<400> 34256

atagaaatta gccaggcggt gtggtgccay ctgtagtccc agctaccgag gaggtgagg	60
agggaggatc gcttgagtcc aggagtttga ggctgcagtg ggctatgatc acatcactgc	120
tctccggcct gggcaacagt gcaagggtcat gtctcaaaaa aaaaatccca gctggccttt	180
ttttttttt	189

<210> 34257

<211> 75

<212> DNA

<213> Homo sapiens

<400> 34257

caaaggagtg aacaaaattg ttaagatggt acttagtgga ggattttcat ttaactccta	60
attctttttt ttttt	75

<210> 34258

<211> 300

<212> DNA

<213> Homo sapiens

<400> 34258

caaaaatggt catgttctaa gatagcctca tgtgaaaatg ttaaataatg aattgcataa	60
agtaattact aatcaaaacta cattatgacc aactttaaga aactggcttc agccagggtgc	120
ggtggctcac gcctgtaatc ctagcacttt gagaggccaa ggtgggcaga tcacttgagg	180
tcaggagttc aagaccagcc tggccaacat ggtgaaaccc cgtctccact aaaaatacaa	240
aaattagcca ggcattggtg cacgtgcctg taatcccagc tacttgggag gctgaggcag	300

<210> 34259

<211> 160

<212> DNA

<213> Homo sapiens

<400> 34259

agaaccttcc tgccgtcgcg tttgcacctc gctgctccag cctctggggc gcattccaac	60
cttcagcct gcgacctgcy gcagaagaaa aattacttat tttcttgccc catacatacc	120
ttgaggcgag caaaaaaatt aaattttaac catgagggaa	160

<210> 34260

<211> 176

<212> DNA

<213> Homo sapiens

<400> 34260

aaaaaaagtt gagttgggag aagttgggas cggcgggggc acgaagtcca gagcgagcgg	60
gttatcctc cgcctcggtg cctgaaagc cgmagcgaca sgtaaagggc taagattcgg	120
ccatgagcag sgcccctcgg cgcccgcga agggcgaga ttctttctgt acgcct	176

<210> 34261

<211> 161

<212> DNA

<213> Homo sapiens

<400> 34261
 acttttacat tttaatcaaa gctttaattt aatcatacat ttttaattttt gaggmwataa 60
 gggmgatttt gtggttaagg ctgagtcatt ttcacaaaca gaaaagaaca attagcacat 120
 tcatttattt ttatttcagt ttatatttat acacaagacc t 161

<210> 34262
 <211> 168
 <212> DNA
 <213> Homo sapiens

<400> 34262
 tgattatatt tttgtgataa tttctggcct gattgaagga aatttgagag gtctgcattt 60
 atatatttta aatagatttg atagggtttt aaattgcttt ktttcataag gtatttataa 120
 agttatttgg ggttgctctg gattgtgtga aagaaaatta gaaccaca 168

<210> 34263
 <211> 186
 <212> DNA
 <213> Homo sapiens

<400> 34263
 ctaaaaactg tattattaac aggtattttc gagagacttt ctgactaatg tgcagaaaca 60
 atcacattta atctgaaagc tcccctgtca kgctaagtgt caggttccag cccaagctga 120
 ggtctgatag aagtcagtgg gcgagtgggtg ggttgctgga aaaacactcg aggaattgtg 180
 gcctc 186

<210> 34264
 <211> 178
 <212> DNA
 <213> Homo sapiens

<400> 34264
 aggtttcagg atttggggat cttcagagta aggatcagga agatgccaaa taggaactca 60
 gtgtctgaaa ggcgtgaggc acagcagagg rkgggaaacc actgatgcta agggagagtt 120
 cgagctcccg gtggattcta gagatagcag ctgctgcgat caaagacaac ccaggata 178

<210> 34265
 <211> 55
 <212> DNA
 <213> Homo sapiens

<400> 34265
 ccaaaacaaa cttaactgcc tgccaaaaca cagctcagca ctctttaaag gaaga 55

<210> 34266
 <211> 148
 <212> DNA
 <213> Homo sapiens

<400> 34266
 ccaaactctac gtctgatttg tgtacctgaa agtgatgggg agaattggaac caagttggaa 60
 aacactctgc aggatattat ccaggarraa cttctccaat ctagcaaggc aggccaacgt 120
 tcagattcag gaaatacaca gaacgccc 148

004220" 666T.S50

<210> 34267

<211> 58

<212> DNA

<213> Homo sapiens

<400> 34267

ctatgccaat atttcottat atskatccat aacatkkata ctacatttgt aagagaat 58

<210> 34268

<211> 310

<212> DNA

<213> Homo sapiens

<400> 34268

catttcctaa	atgcttaggc	atctctctgt	aatcatccca	tgggaggaga	agtcccaact	60
taccatgaca	tttcaggaag	accaccaata	attattcctg	gagcatcttt	ctctcttcat	120
ttcagacttt	tccgccatag	cccataatcc	catcattctt	gtctgtagtc	tttgtaaagt	180
tgcttgacac	cacagctgta	taaacactga	agtaatggag	ggttttttcc	ccttttagcat	240
ttgttattgt	gaaatttaga	aatttataaa	gcaaggaaaa	taatttgaaa	ggtatgtkta	300
cakaaagcgc						310

<210> 34269

<211> 202

<212> DNA

<213> Homo sapiens

<400> 34269

gagctttctc	ccctcttccc	tggagagcga	ctgctcgggg	gggtgagaat	ggtataaatt	60
tcaaaaacaa	cgaaaccttc	ttttgcccc	tccgcagcag	tcgcctccgg	gctttattgc	120
aagtttacgg	ttccatacaa	gtaaatccga	aaaaaagtgt	gtgtgggggg	gtccacacca	180
ctaattatta	tggcgaggaa	gg				202

<210> 34270

<211> 276

<212> DNA

<213> Homo sapiens

<400> 34270

ctttggagct	aagtgaagaa	tgacttctgt	taggttttcc	tctgctggtc	ttccttgcag	60
cctcgaaaac	ctcaccagag	tcgcctctgc	tggtctctta	ctgtgctgct	ctgtcagaga	120
tgggcaagta	agcgaactgc	agagtgttgc	tgtgtgtgct	tgtgatttgt	attttatttg	180
atgtaaactg	gaaggcagag	tattttctaa	cactgtnrnt	saactagggt	ttgtgtctcc	240
tggatctatt	tttttttctt	gttggtctga	ggaktc			276

<210> 34271

<211> 335

<212> DNA

<213> Homo sapiens

<400> 34271

tggatacttt	ataatagcag	agtcttctta	ctcttgttca	atcctttatt	ccccagcagt	60
tagagctgtc	ctgctgggca	cagtgggtgca	cacctatagt	tccgctactt	gggagggtga	120
gtcaagagwa	tctctggagc	ccaagagttc	aaaactgtag	tgtgcgatga	tcgtgcttgt	180

gaatagccac tgcactccag cctgctcaac atagtaagac ccagtctcta aaaaagtaat 240
 aawgcngtg tccctggcat atggtatagg catagagttc agtatatatt atatgcattt 300
 tcagccacct cgcccgggcc tatctctctt tcttc 335

<210> 34272
 <211> 296
 <212> DNA
 <213> Homo sapiens

<400> 34272
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 ctttgtaaac gaaaggagat tcatgtttta gaagtctgtc cttttttata tcttgaaaga 120
 aaatctatgt atgatgctat aaaataaate ctattatatt tctcaggaat ctggtttaga 180
 attgcaggca atgagatttt ttgcggggca gggatgggaa tgtttggttca taaataatta 240
 gacattttct atagatattt gacattctgc gaaasaacaa gcaaactgaa ggtggd 296

<210> 34273
 <211> 200
 <212> DNA
 <213> Homo sapiens

<400> 34273
 gtatgcccat agtttgagga aatgtttttac ttgagttttc tgtgtgttga gatgaaagtc 60
 tcccaggcta aagattttctg aactgcacgc aatgtctgaa gaagcgcttg aaaggcactt 120
 tttttctccc aggtcccaa ccatggggtt aggtttttat gccagaaagg ggaccttcat 180
 gaacaaagac cccaagacc 200

<210> 34274
 <211> 359
 <212> DNA
 <213> Homo sapiens

<400> 34274
 tgtattaaga aaggactata aaattataac acatatggct gtggggcaga ttgaaaataa 60
 tttaatcttt tgaccgattg cagttawggr amcttggaat gattcatcat ttatataagt 120
 tatcattgct accccaaaac agaaatattg tcaccgggtg cagtggctca tgcctgtaat 180
 cccagcattt tgggaggccg agacaggcgg atcacaagtt caggagatca agaccatcct 240
 ggctaacatg gtgaaacccn gtctttacta aaaatacaaa aaaattagcc gggcgtggtg 300
 gcgggtgcct gtaatccac ctactaggga ggctgaggca gaagaatraa tggcatgaa 359

<210> 34275
 <211> 214
 <212> DNA
 <213> Homo sapiens

<400> 34275
 catctgaaag ttatagggca ctgccactgc tgaatcagag catgccaat atttgaggtg 60
 gctctgattt cctggcagct gaactcgggt agtccagtgg cctagctggg accacatcta 120
 ttcccatcca gagacattct ctggcaagtg ttctcagctg aaaagtgggt ggggatgatt 180
 cttaccttgg taattaaatg aagctacaca ankr 214

<210> 34276
 <211> 332
 <212> DNA

<213> Homo sapiens

<400> 34276

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aatctgtaca	ttaggggtcaa	aaggtaaaag	taacaaattc	tgccatattg	taaatttcca	120
gtgcaggctt	taattttttt	ttttcattag	tagcactgaa	aaaatattac	tgcatgggta	180
tgttctagtt	cagtttataa	agttttaaag	gcttanttga	ggcatacctc	actgttacgc	240
acactggtaa	tttaaccatg	ccoctaagta	ttccttttct	cctgcatttg	atgcagccca	300
acaaagcttt	tgttttgaaa	taaatttgac	ta			332

<210> 34277

<211> 198

<212> DNA

<213> Homo sapiens

<400> 34277

cttgccaat	caggaagcgg	gggagagcgg	cgcragaagc	ggcggccgcg	tcctcaagcc	60
ggcacctgag	cggcggagac	ggctgtagca	caaggatctg	catctccaat	ggatactgag	120
gggtttggtg	agctccttca	gcaagctgaa	cagcttgctg	cttgagactg	agggcatctc	180
agagcttccc	catgtgga					198

<210> 34278

<211> 161

<212> DNA

<213> Homo sapiens

<400> 34278

aggcctatac	cattcaagga	cagtatgcca	ttccacagcc	agatttgacc	aagctgcacc	60
agttggcaat	gcaacagtct	cattttccca	tgacgcatgg	caacaccgga	ttcagtgcag	120
gtttggatgc	atctgctcag	actacttctc	atgaactcac	c		161

<210> 34279

<211> 76

<212> DNA

<213> Homo sapiens

<400> 34279

atgaagtctc	caagcggatc	tctggagtgt	cagagaagtt	cagtggccgc	gggtcaggga	60
cagatttcac	acaaca					76

<210> 34280

<211> 271

<212> DNA

<213> Homo sapiens

<400> 34280

tctctggagg	tactcagttc	cagtttgacg	aatggttttc	atacatccgt	gggtaatgca	60
tgaaaaggtc	atagtctgcc	agcgggaagc	agcttctgtg	tgcgctgacc	ctgccgccct	120
tctctccaag	cccccaagtt	gggtccaaaa	gcaaatgtgg	gtgggaatac	agacccattg	180
ttgtgatctg	taagccaagc	gacccctgag	nwgaggagca	catcctgtga	atttgagtga	240
cagatctgct	ttaaaatttt	acgaatagcc	g			271

<210> 34281

<211> 225

<212> DNA

<213> Homo sapiens

<400> 34281

gatacagaat	gagaaaatga	acttagaaat	actgagtgt	ggccggg	gcgc	tgtgggtcac	60
gcctgtggtc	ccagcacttt	gggaggccaa	ggtggggaga	tcacctgagg	tcaggagttt		120
gagaccagcc	tggccaacat	ggtgaaacct	tgtctctact	aaaaatacaa	aaattagctg		180
agcgtggtgg	catgtgcctg	tggtctcagc	tgctcgggag	ggchr			225

<210> 34282

<211> 399

<212> DNA

<213> Homo sapiens

<400> 34282

acttacaaat	gaatcaagat	gatgaagatg	tagtcaacag	ggctgtgata	ataatagtaa	60
ggcctccagt	cttaccttag	atagtttagta	tagtcactgt	tctaattgagc	aatgagaagg	120
aagaaaaggga	caatgtgagt	ctttaaaaaa	gaaaagaaaa	cttaaaaagg	catctcttaa	180
ctatgtacta	aagatcagaa	cataacttac	tcatgatacc	cacagtattt	catatgaatc	240
tcttacaact	ttttttgttt	ttttgagacg	gaatctcgct	ccattgccc	ggctggagt	300
cagtggcgtg	atctcagctc	actgcaaccc	ccacctccca	ggttcaagcc	attcttctgc	360
ctcagcctcc	cgagtagctg	agactacagg	catacacca			399

<210> 34283

<211> 224

<212> DNA

<213> Homo sapiens

<400> 34283

aaccctggag	tgaagcgctt	tagttagaag	ggagcagata	aactcgtcac	tctagtagct	60
ttaaccctca	ccctgaggca	ccttagcaat	cagccattgc	ctgcaagcct	ccaaagcttg	120
tctttgccta	atatggagcc	caaagaagcc	actgggaaag	aaaacatggt	caccaagaaa	180
aagaatctgg	ccttcttgag	gtctagactc	tatatgctgg	agac		224

<210> 34284

<211> 290

<212> DNA

<213> Homo sapiens

<400> 34284

agtgacgcgt	tgtgttgaac	accagttttc	tggagcgctg	tgtgtttctta	acagctgagc	60
agtctgtttc	tccaatcagg	kttcaarkcc	acttcaactg	cactggcccc	tgtgggtcac	120
tgctgcaccg	ccctgaccca	tgtgggtccc	tgaggagcga	cctgccgggg	ccacctggct	180
ggacgaaaaa	gacacacctt	ggacttaagc	cgtgagaaaa	aaacttcac	agtaagaaga	240
rtkaatadac	rgwctaggtt	gaatscatka	caatggwatg	ttwgcagacc		290

<210> 34285

<211> 105

<212> DNA

<213> Homo sapiens

<400> 34285

cccacccgcg	ccwcwtwctc	wctcttcctc	cagctgggtcc	cagagcccg	cttgggtccg	60
tccctctgcy	cccatccgcg	acccttccac	ctcctmcgag	tecca		105

<210> 34286

<211> 222

<212> DNA

<213> Homo sapiens

<400> 34286

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gactactttc	cccaaccatt	tggacaaagt	ctagttttta	aacctgagtk	aakgttgctt	120
gttckacttc	ccaaagcctc	tcacactatg	ctatctcaat	gacccagcaa	agtcttctct	180
ttctctgacc	acacaatcct	tttcacggga	acacaaggac	aa		222

<210> 34287

<211> 173

<212> DNA

<213> Homo sapiens

<400> 34287

tgtttctttt	aagttgaatt	tatgaactca	gaattgttca	tagtattatt	cccatgttat	60
tcttttaaat	ttagcaaaat	ctgtagtggt	ctctttgttt	tcattcctga	cacgatgatt	120
tgtgttttca	tgtctgtgag	tcttaggttt	gtcaacttta	ttaattaatt	aat	173

<210> 34288

<211> 60

<212> DNA

<213> Homo sapiens

<400> 34288

cattgccagc	tcttccaatc	tccatcacct	ttgggcttgt	tttctacttt	gccacagatt	60
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<210> 34289

<211> 177

<212> DNA

<213> Homo sapiens

<400> 34289

acagattctc	cgggatatta	ccggagacgg	agtgttttat	tattagcctt	tcttaggtgg	60
acatttccat	ttgaattaca	agtcctttag	gctgggcgtg	gtgcatggct	gtaatctcag	120
caccttggga	ggctgaggca	ggaagwccac	ttgaggccag	gcgttggaga	gcagcca	177

<210> 34290

<211> 205

<212> DNA

<213> Homo sapiens

<400> 34290

tgactccatc	agatagctat	ccatacacia	atgcaacatg	acaaacaacc	ctcaaaatca	60
gcggttttaa	acaataatcc	tgacacctcc	ccagaattac	attctgctat	gcttcttgta	120
cagcctgcag	aactgttagt	caattaaatc	ttttattata	aattatccag	tctcaggtat	180
ttctttataa	cagggaaga	acatc				205

<210> 34291

<211> 198

<212> DNA

<213> Homo sapiens

<400> 34291

acatccgggg	aagaagacac	aggtggctgg	tcatggagag	cccgtgggg	gaagagcaca	60
cagacaggca	ccggcaagcc	attgaccaa	cgggacaagg	tgggctcaat	gtcatcaca	120
gggtgcttaa	gagggaaaga	ggaagccatg	agggtcagag	tcaaaggaag	acttgaagat	180
actacactgc	ggactttc					198

<210> 34292

<211> 230

<212> DNA

<213> Homo sapiens

<400> 34292

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tggatcttat	gcacagaact	tgtaccattt	gaatctgttt	tatgcttaaa	tcaaagtgtc	180
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<210> 34293

<211> 121

<212> DNA

<213> Homo sapiens

<400> 34293

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<210> 34294

<211> 178

<212> DNA

<213> Homo sapiens

<400> 34294

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<210> 34295

<211> 149

<212> DNA

<213> Homo sapiens

<400> 34295

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cacagggggc	ggtgaaatgc	aggctgacg				149

<210> 34296

<211> 414

<212> DNA

<213> Homo sapiens

004220" 065E7560

<400> 34296
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 ggctttgggg tgacttcagc aatgtccctg cgagacaagg gcggggaaga agawankttt 180
 gaatangact gccaggatga agagaggaag ccaaccaca gccagcatga caccaggac 240
 ctcttggaag aggttttatg tgctgaaaga gttggccaga tgactaagac atataatgac 300
 atagatgctg tcaactcggct tcttgaggag aaagagcggg atttagaatt ggccgctcgc 360
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<210> 34297
 <211> 284
 <212> DNA
 <213> Homo sapiens

<400> 34297
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 tagcytgata gtagattttc aaattaggta atgtgaagcc tctggatttg cttttkgctc 180
 aagactgctt tngstatttg gggtcatttg tggttccata tgaatttttag gatttttttt 240
 ctgkttctgt ggaaagtgtc attagataaa gattgcattc agtc 284

<210> 34298
 <211> 60
 <212> DNA
 <213> Homo sapiens

<400> 34298
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<210> 34299
 <211> 71
 <212> DNA
 <213> Homo sapiens

<400> 34299
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 tgtgtgtata t 71

<210> 34300
 <211> 74
 <212> DNA
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<400> 34300
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 agaaaaagaa aaga 74

<210> 34301
 <211> 57
 <212> DNA
 <213> Homo sapiens

<400> 34301
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<210> 34302
 <211> 427
 <212> DNA
 <213> Homo sapiens

<400> 34302
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 caagtgattg caggaaatat aatgtggaaa tgcctgggta tgagagagaa tttggaagca 180
 gaatggacaa gacttggtta ttgtttggta agagaggaga aggtgagtga agaatacatgt 240
 gaaacatagt ttggtttcta gcttaagtaa ctgagctcct ttgagtata ggaaacattt 300
 gaacagcagc aggtttgtat tggttatgtt cattgtgtat gcatgaattt gaggtacttg 360
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 tggatta 427

<210> 34303
 <211> 240
 <212> DNA
 <213> Homo sapiens

<400> 34303
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 tctactcgca anrgtttgta agatttttct ttttaacttdc ttagtagacatc ctgacaagga 180
 tttttctttg tttatatgtk ctatactgat atgtgaatga tttttttgca aaggggtcgc 240

<210> 34304
 <211> 152
 <212> DNA
 <213> Homo sapiens

<400> 34304
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 gccatcacgc ccggctaatt tttgtatttt tagtagagac aggattttgc catgtttgcc 120
 aacctggtct cgaactcttg acctcccgat cc 152

<210> 34305
 <211> 301
 <212> DNA
 <213> Homo sapiens

<400> 34305
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 atccatctag ctaaactctat aatctgtgtc aatcacttat acctatcaat catccgtatc 180
 tattcacctg tcctctatgt ctgtcttctc tcagtctgca tccatctagc cttctgtcaa 240
 tcactacttt tttttttrata agaacaagaa gtttacttat caagtcttga aaggaggaca 300
 c 301

<210> 34306
 <211> 239
 <212> DNA
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<400> 34306
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cggccagata ggwctttctt gacgccctca caaccctctc cctctctact gtttctctgg 180
agaactctga ctaatacagc tttccccaaa tgccaaaaca aaatgaggtg tcccagcaa 239

<210> 34307
<211> 192
<212> DNA
<213> Homo sapiens

<400> 34307
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ctctggcggt ggccagtcag ccacagggaa ctagtaraaa aagaaaaaga rraataaag 180
tgaaagaggc tc 192

<210> 34308
<211> 213
<212> DNA
<213> Homo sapiens

<400> 34308
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gagcctccac ctgagcccct gctcctcttc tcccacaggg aggtggaggt tacagtgagg 180
tgagtccagg ccaactgcact tcagcctggg caa 213

<210> 34309
<211> 63
<212> DNA
<213> Homo sapiens

<400> 34309
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ttt 63

<210> 34310
<211> 175
<212> DNA
<213> Homo sapiens

<400> 34310
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cagagaagga ggctggagga gcgccggcag attgagagcc tcttcctcac gccac 175

<210> 34311
<211> 284
<212> DNA
<213> Homo sapiens

<400> 34311

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 ctctggggcag ggatggaagc ckagaygcct caccgcaagg agcggcccgag cgggtcctcg 180
 cttcacacac acggcagcac cggcaccgag gagggaggaa acatgtcccg gctgtctctc 240
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<210> 34312
 <211> 157
 <212> DNA
 <213> Homo sapiens

<400> 34312
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 agcaaggcag agccaccaa acagaaaaat ggaagta 157

<210> 34313
 <211> 126
 <212> DNA
 <213> Homo sapiens

<400> 34313
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 agaggtgact ttctggctga agaattgtgga ttctgtactg tcttgtgctc aatgtagagg 120
 gggctc 126

<210> 34314
 <211> 154
 <212> DNA
 <213> Homo sapiens

<400> 34314
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 aacacgattt taaatgatga atagtttttt acttttacat agtattagct ctttaaatac 120
 gtcagtaagg gagacataga gcagagacc gcaa 154

<210> 34315
 <211> 427
 <212> DNA
 <213> Homo sapiens

<400> 34315
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 gcgcctggac agtgatcatc ttgttcatct tggtcagtc tttcttgtgt gattggaatt 180
 attcatcccc tttgaaagat gagaagggtg agatgcaaag agtctacct tccaagttct 240
 cactgctgga aagagctaga agcacagttc aaagtctctg cttctggact ctgcagtcca 300
 ggtctccctt ctcccacttg cctaccctca atgccacact gtttttgaag tggcccataa 360
 cttgaaggaa aagttttaaag acagttcaat ttaaatacagc agaatgcatt cttttttttt 420
 tcggaga 427

<210> 34316
 <211> 357
 <212> DNA

<213> Homo sapiens

<400> 34316

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caatattgag	atatttgag	ttggtacgat	gtgatttgta	aattctttgt	ttttcattgt	180
gcgtatatgg	taaagagatc	ttttcagctg	ctattttgga	ataatgactd	tcatatatca	240
taacagtgac	tgatgttgg	tgtaatgggt	gggttttagga	tgaaccattt	taaggatgcc	300
aatgarata	ttagtatttg	tacacagaaa	gaatttattg	atttgatctt	attacct	357

<210> 34317

<211> 408

<212> DNA

<213> Homo sapiens

<400> 34317

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acttggtca	ctgcagctc	aacttcttg	cctcaagtga	tcctcccacc	ttagcctcct	180
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tcagctcact	gcaacctcca	ccccctggg	tcaaccgatc	ctgccacttc	agcctccaga	300
ggagctagga	ccacagacac	gcactacca	gtcaggctaa	gtttttgggt	ttttttggta	360
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<210> 34318

<211> 351

<212> DNA

<213> Homo sapiens

<400> 34318

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ttctgagaat	gcatctgcct	agtttttatg	ttaagatatt	tcctttttca	ccataggcct	180
caaagcacac	caaatatcca	cttgagatt	ctacaaagag	agtgtttcaa	aactgctcta	240
tcaaaagaag	ggttcaactc	tgtgagttca	atgcacacat	cacgaagatg	ttnctgataa	300
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<210> 34319

<211> 355

<212> DNA

<213> Homo sapiens

<400> 34319

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agagctgcag	ttgctggagc	tggttgagga	actgggctgc	ctcctgccat	ccccccgtct	180
cctccccctc	tcccccttgg	gccccctct	gctcagaatc	tgaagtagtt	ccctcctcag	240
caatttcac	tcttgaacac	tgactcacac	cttttaggca	cctactgtgt	gcatagcatt	300
ccaccaggac	tcctctccct	tccttctcag	gggttcccga	gccccgacta	gcttt	355

<210> 34320

<211> 205

<212> DNA

<213> Homo sapiens

001220" 665T550

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459

<210> 34325

<211> 155

<212> DNA

<213> Homo sapiens

<400> 34325

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agtgtatcac	tggagtcaca	ggaccctgcc	cacctgagtt	cccaataaag	aaaaacctcc	120
ccttctgagg	ctgctttgcc	aaaactcccc	cttaa			155

<210> 34326

<211> 152

<212> DNA

<213> Homo sapiens

<400> 34326

agcatcgga	gtcgccatca	ccgccagacc	gcagagacag	gttcggatcc	gcggtcctct	60
tgcctcattc	caggcctcga	tgagtgttaa	atcgccattt	aatgtgatgt	caagaaataa	120
tttgaagca	cctccttgta	agacgacaga	gc			152

<210> 34327

<211> 134

<212> DNA

<213> Homo sapiens

<400> 34327

ctctttcacc	actgggagct	gcgcgctgcc	cttccctccg	cgacagggt	gccggctcac	60
cgcttgctaa	tggcagccgg	ggtctccctg	ggacagcaag	acctccgctc	aggccctct	120
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<210> 34328

<211> 402

<212> DNA

<213> Homo sapiens

<400> 34328

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agttatgatt	gtggtagctt	gacctgagg	tgacagaggca	attcccggag	gactacagt	120
accaggaagt	tctacagact	ttgaccaagt	tttgtttccc	cttctatgtg	gacagcctca	180
cagttagcca	agttggccag	aacttcacat	tcgtgtcac	tgacattgac	agcaaacaga	240
gattcggtt	ctgccgctta	tcttcaggag	cgaagagctg	cttctgtatc	ttaagctatc	300
tcccctggtt	cgaggatatt	tataagctgc	vdracatcct	ggcagattac	acgacaaaaa	360
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<210> 34329

<211> 318

<212> DNA

<213> Homo sapiens

<400> 34329

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aaggaggaat	accaaacaca	aatatctgat	ccacgtagga	atcatttttt	aaacgaacaa	120

acccattca tgaaaatgaa cacctttcag atcacagtct ctgggtaaga atcgtgtcag 180
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 ttctctgtat tacccgtc 318

<210> 34330
 <211> 116
 <212> DNA
 <213> Homo sapiens

<400> 34330
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<210> 34331
 <211> 251
 <212> DNA
 <213> Homo sapiens

<400> 34331
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 ttttctccct ttaacatca rgrasgtgcg ccactatgca gaaattacca gatacagaaa 120
 aatagaagta gaaagatgac tcttaatctt tccatctgga gagaattatt gttcagattt 180
 tgccattttt cttccaatct tttttctctg tcctttgttg cttatttgcg ttacactgca 240
 gatgtcccaa c 251

<210> 34332
 <211> 395
 <212> DNA
 <213> Homo sapiens

<400> 34332
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 aactgttcca agacaaatat aacaatatca aatactcaag taataatgaa atatttgcta 120
 ttcaaatatt tttacacata tttttgctaa taaaagcaga caaaagcagt gttttaaaat 180
 taagaatata gtgaactaag agtacaacga catagtactt gtaagttttt ctgatttttt 240
 tcatatactt taaaatctct tatwttaaac tcaaaatctc tggtatatac acttttataa 300
 catactacaa cattgcataa ttgagccatg tgtgttttaa gacaaatatt ngnggatggt 360
 atgttcaata ccaatgtcta taccatttaa acaat 395

<210> 34333
 <211> 206
 <212> DNA
 <213> Homo sapiens

<400> 34333
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 gacacagaga atgagtggaa tactaatata ttgaagggca aaatcaaaac ccagaagat 180
 ctctaaaagt ctgaatgaat cagccc 206

<210> 34334
 <211> 452
 <212> DNA

<213> Homo sapiens

<400> 34334

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taacaagatg	tctttacact	gacactgaaa	attcatccat	tttagdgcca	ggaattccca		180
tgttacacag	gaaaaaatag	aagtctactg	aattaatfff	ttaaaagaaa	agagatcaga		240
ttaaatattt	ctttgttttt	ccttttggaa	acttttatgt	ataattcttt	ctgcctgcct		300
acttttctgc	aaaaatgaga	tgtacagatt	tcggttccct	gctatgaaaa	gtgatgtggg		360
agcaatttta	taaatgdtgc	nktctgattt	ttatcagagt	gagaaaatta	aaattattga		420
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<210> 34335

<211> 94

<212> DNA

<213> Homo sapiens

<400> 34335

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<210> 34336

<211> 350

<212> DNA

<213> Homo sapiens

<400> 34336

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agttgtgctg	gtgaactgca	gaatcccat	ttgctgttat	aataatatag	tacttataag	180
aataataatt	gatcctttct	gaattttcat	taaggagaag	tggtgaagtt	attaacatct	240
agtgagtttt	ctatttttga	cattcttctg	aaattttg	atttgaaaat	ttgtccta	300
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<210> 34337

<211> 107

<212> DNA

<213> Homo sapiens

<400> 34337

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<210> 34338

<211> 141

<212> DNA

<213> Homo sapiens

<400> 34338

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gtagagacga	ggttttgcca	tggtggccag	gcttgctctg	aacccctggc	ctcaagtgat	120
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<210> 34339

<211> 240

<212> DNA

<213> Homo sapiens

<400> 34339

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gctgggacta taggcacaca ccaccacgcc tggctaattt ttgtatttta agtagagaca	180
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<210> 34340

<211> 211

<212> DNA

<213> Homo sapiens

<400> 34340

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gggatctgcc caccattccg ggggtcacca gcccttccag tgatgagccc cccatggaag	120
ccagccagag ccacctgcgc aatagcccag aagataagcg ggcgggcggt gaagagtcac	180
agtttgagat ggacatttaa agcaccagcc g	211

<210> 34341

<211> 297

<212> DNA

<213> Homo sapiens

<400> 34341

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atataaaaaat gctaaatgta cgttgaaacg atacaccaat cagacttttg ataaagtgat	120
ggggcccatg ttggatgctg ctacaaggaa acctatctgg cgacatgaaa tcttagbatg	180
cagatggtat ttgtttctcca ggtgagaaa tagaaaacaa acaagtgcct gtaaataagt	240
ccatgcccac agtgactcag attccttttg aaggaagtaa tgtaccacag cagccac	297

<210> 34342

<211> 186

<212> DNA

<213> Homo sapiens

<400> 34342

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cagcttcctg aggtctctc agccatgctg aactatgaag aaactgaggc actgagaagt	120
taagtaattt tcccagggtt gtggagttag caagtagtgg agcccagaat cgaaccggcc	180
catctg	186

<210> 34343

<211> 262

<212> DNA

<213> Homo sapiens

<400> 34343

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gatcatttaa tcttcaacct aatgagatag gtgtatatat atatacagat gaagaaactg	120
aggcgagag aggctaagt actggataaa agtcatacag ctagtacacg gtagggctgt	180
ggtttggacc caggcattct ggttcwcka gactgcactc aggactatta atttttaaaa	240

gattgaacac ggtagggaaa aa

262

<210> 34344

<211> 245

<212> DNA

<213> Homo sapiens

<400> 34344

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aactaacc	caacaggatca	tttcgcgaag	gagcaaggct	gaagaaccag	acctggactt	120
tcttaggaca	aacttactgc	agcttgaagg	agccaaccat	ggatttgagg	cgtgtgaagg	180
aataatttctc	ctggctctac	tatcaatacc	aaatcattag	ctgctgwrct	gttttagagc	240
ccata						245

<210> 34345

<211> 148

<212> DNA

<213> Homo sapiens

<400> 34345

ccattagwaa	acaaactata	ggtaaataac	acattaatct	gtattatcaa	tttctcatag	60
acactgtgct	aatgtgaatt	ttaaatgacc	tgcatacaagt	cttctgatct	bagataactc	120
agtacagata	gcaattagtc	agctgaat				148

<210> 34346

<211> 363

<212> DNA

<213> Homo sapiens

<400> 34346

actttaaggc	aggtgcnaac	gcaccggcag	caagcttcct	tttttgcccg	ggaaaaactg	60
aggtgcaggt	agtataagcb	attgatcacg	gaacgcacag	gagcagagct	cgagtccaag	120
catcgtggt	ccaccggtca	tgctggatgc	atcttttaggc	tccgctctag	gtatgtgtat	180
cctttacggg	atcagccacc	ggcagttgcc	ttgcgagcac	gatgacaaac	ctctgccggc	240
tcttttgggt	ctcatccctg	tatctatacg	ttgcatccca	acataaahga	ccggaatgtt	300
ccttttcgctg	accagtcctc	tcaccctttc	caaactccag	aaatcttgtc	tgtcctcgga	360
aga						363

<210> 34347

<211> 51

<212> DNA

<213> Homo sapiens

<400> 34347

tctcttccct	tttgcggbca	tcaccgaagc	gggascgncc	aaaatgaagt	t	51
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<210> 34348

<211> 138

<212> DNA

<213> Homo sapiens

<400> 34348

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agtttcctga tcgactcc

138

<210> 34349

<211> 215

<212> DNA

<213> Homo sapiens

<400> 34349

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ttatttatct tgggttcata ctgaggggtg gaattgctga ctttaacttg taacctatgt	120
tttaacatttt gaggaattc tgaattgttt tccaaagcag ttgatctatt ttatattccc	180
accagcaatg tatgtgggtt ccagtttagg agggg	215

<210> 34350

<211> 163

<212> DNA

<213> Homo sapiens

<400> 34350

caagaagctg tacacggttt gatcatgtaa aaccgttttg cggcacaagc tggactttgt	60
tgccatcctt gagatgaacc ttttaagaaa aataagttaa tctcaatttt tccctgaatg	120
tgttggtttt cttcattata caataaatat aatagtgaac ktt	163

<210> 34351

<211> 115

<212> DNA

<213> Homo sapiens

<400> 34351

aractaggga tctatctgaa aattcagtaa ctaatattag gcagttgata ctccccacc	60
kccccattt agatacacka ctgtattagt gagaatactt ggtacagtaa cttga	115

<210> 34352

<211> 127

<212> DNA

<213> Homo sapiens

<400> 34352

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tggggagtgc tttttgtgcc cctaactctga agttatttat caaaaccagt ctctgattcc	120
agccac	127

<210> 34353

<211> 223

<212> DNA

<213> Homo sapiens

<400> 34353

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cagatgcacc cgaccagcac ctggagctca agaagccgca ggaacttaaa gaaatggaaa	180
ggctgccctt ggcaaatgaa gataaaacaa tgttcgccaa cct	223

<210> 34354

<211> 187
 <212> DNA
 <213> Homo sapiens

<400> 34354
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 ytctttcttc tcagttgggtg tttgggtctct gctgctcagc tgaccttgga taaaccaaca 120
 gtcccttttc ttctgcctag taagttaatc ttagtcttgt tggwaggtgt ggttaaaggc 180
 taattga 187

<210> 34355
 <211> 279
 <212> DNA
 <213> Homo sapiens

<400> 34355
 aattatttta acaactaaat gagattaaat acattaacat gtttaaaatc atttgctgct 60
 tgggatgctc taggacgatt gaacaggagc tttggctcac aagaccggaa ctgcagtaat 120
 ctcttccat gaggagtcca gctttgtccc cataggcacg gttcctctgg catttctgct 180
 gcttgctctc ttggggacgg aacccccctta ggaagtgttt gaaaactgca agatctcacc 240
 ctctccacca ccaagccaag ggaaatctga ccaaaagga 279

<210> 34356
 <211> 211
 <212> DNA
 <213> Homo sapiens

<400> 34356
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 ttttgttttt taaccaccaa gaacacttgc aagtttgta ctgaaaacat cactaaagga 120
 aaagaagagt ttcaaaatgc ttgaaaagta gtatgtggtt gggaattgtt tttgttcaag 180
 tccttggaag tcctcttggc ttagctccct a 211

<210> 34357
 <211> 56
 <212> DNA
 <213> Homo sapiens

<400> 34357
 aaacttgccg tcgctgcgac ggaagcagga acttgctaac cacacaacat acgagc 56

<210> 34358
 <211> 147
 <212> DNA
 <213> Homo sapiens

<400> 34358
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 ggtttcacga gaaaccattt gaatctttat ctcatcagc ctttatatga caccagaatg 120
 acagtatcat cacaactcta gcaaccg 147

<210> 34359
 <211> 122
 <212> DNA

<213> Homo sapiens

<400> 34359

cttctatgag aagagtagag gagaggaatg aaggacagga agaggacgga gttgggagga	60
atggaggaaa aggcattatg ttagataggg agaaatctag gctccagcct cagctgtgct	120
gc	122

<210> 34360

<211> 370

<212> DNA

<213> Homo sapiens

<400> 34360

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ggtgctacgt gaagtaggga gagaggagta gagcgtggga caagttagta agagaagtga	120
ggcagatcag gtagggccaa gcagaagtac atgggtgagac ttctgataat gttctgtgtg	180
aaatcagagc cgttgtagcc tttgaactga ggaggtccat catctgatta atgtttcctc	240
tggctctgtg ttggaattaa acggtacatt ggcaaaggcg aaagcaggga gaccaattag	300
gaaggttctc cagtagttaa ttgagagatt atggagtctt ggactatcat ggcagcagt	360
aaagtgatga	370

<210> 34361

<211> 339

<212> DNA

<213> Homo sapiens

<400> 34361

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ccaaacctgt ttatgccaga agttcttgtt taatttacta tcaaactaat gaaattaatg	120
caagacagtt gtttatacac aaaccagatt gcttgctttg gaaagactaa aaggaggattg	180
ttaaaagaaa aacatgccag gcgtgggtggc tcacacctgt aattctgcac tttgggaagc	240
cgagggtggc agatcacttc aggtcaggag ttcaagacca gtctggccaa catggtgaaa	300
caccgtctcc actaaaaata caaaagttaa ccggggcgct	339

<210> 34362

<211> 154

<212> DNA

<213> Homo sapiens

<400> 34362

gtgccaccac acctggctaa tttttgtatt ttagtagag acgggggttt accgtgttgg	60
ccaggatggc ctgcatctcc tgacctcatg atctgcctgc cttggcctcc caagttgctg	120
ggattacagg tgtgagccac cgcacccggc taca	154

<210> 34363

<211> 361

<212> DNA

<213> Homo sapiens

<400> 34363

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cccaaacctt tktctctc actctctgcc tscaamcttc agattgactt kcaatagttt	120
ttctaagacc tttgaactga atgttctctt cagccaaaaac ttggcgactt ccacagaaaa	180
gtctgaccac tgagaagaag gagagcagag atttaacctt ttgtaaggcc ccatttggat	240

ccaggctctgc tttctcatgt gtgagtcagg gaggagctgg agccagagga gragaaaatg 300
atagcttggc tgttctcctg cttaggrcac tgactgrata gttaaactct cactgscact 360
a 361

<210> 34364
<211> 195
<212> DNA
<213> Homo sapiens

<400> 34364
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gctgcgcggc cgaccaggcg aasaactgct gcaggcggcc cactggcagt tgcgacagc 120
cctcagcggc tttttccagg agaccaacat cccctacagn caccatcacc accagatgat 180
gtgcaccccc gcagt 195

<210> 34365
<211> 230
<212> DNA
<213> Homo sapiens

<400> 34365
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gggtgactat gtccaaaata atttaattat acatcttaaa gtaactaaaa ttataattgg 120
attgtttgta acacaaagga tatcccacta ccctgatgtg attattacac attatatgcc 180
tgtatcaaaa tatgtcatgt gacctgtaaa tatagacacc tactacacac 230

<210> 34366
<211> 353
<212> DNA
<213> Homo sapiens

<400> 34366
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cataggagaa aatgtagggt accttaggta cgatgatagc ttataaattt ttttcaactca 120
tttaattggt aatatctgtg ggtacataat aggtatttat ggggcacatg agatgttttg 180
atacagacat gcaatgtctg tatttttagt agagacaggg tttctatgct tttttacaaa 240
caatccaatt atactctttt agtrrttttt aatgtacaat ttattgacta tagtcaccct 300
gttggtactgt caaatcaaag ggcataattc atctttctaa ctgtattttt gta 353

<210> 34367
<211> 273
<212> DNA
<213> Homo sapiens

<400> 34367
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ggagcgagag tgtgtcgaat ctgcgagtga agaggggaacs aggggaaaag aaacaaagcc 120
acagacgcaa cttgagactc ccgcatccca aaagaagcac cagatcagca aaaaaagaag 180
atgggcccc cgagcctcgt gctgtgcttg ctgtccgcaa ctgtgttctc cctgcagggt 240
ggaagctcgg cttcctgtc gcaccaccgc ccc 273

<210> 34368
<211> 144
<212> DNA

<213> Homo sapiens

<400> 34368

aattaccatt ttaagtgtac agtttagtgg cactaagtac aatcactttg tcttgcaacc	60
atcactacca ttcattctcta gaactttatt catctttcca aaactgaaat tccatgttca	120
ctaaacaata ttctccgctc cccc	144

<210> 34369

<211> 135

<212> DNA

<213> Homo sapiens

<400> 34369

atttctgtaa ggtggaggtt gggaagaac agagttcacg atcttcaaag ctgctgcggg	60
cattctatgt ccccttctg tcagatcagt atacagtgtg cgtaaaactac accatcctca	120
aaccccgga agcta	135

<210> 34370

<211> 168

<212> DNA

<213> Homo sapiens

<400> 34370

tttacattat tatctggcat agactgttat atatagcata ttattgttga matacaaaac	60
aatatgtatc cgtactgtat gtgatatagt gccattttca gtaactgctg tacacacagc	120
aactcagatg amactcaagg aaattcttca gagcaaaaac agccaact	168

<210> 34371

<211> 253

<212> DNA

<213> Homo sapiens

<400> 34371

ttttctggga tggggtctaa ctgtgctgcc caggctaaag tgcagtggcg tgatcttggt	60
tcactgaac ctctgcctcc tgggctcaag cagtcctccc acctcatcct cctgagtagg	120
tcgctgggac cacaagcatg caccaccaca cctggctaatt tttttgtatt ttggtagag	180
acagggtttc accatgttgc tcaggcttgt ctcaaactcc tgagctcaag caatttgcct	240
gycttggact gtt	253

<210> 34372

<211> 278

<212> DNA

<213> Homo sapiens

<400> 34372

atatagaggg aattgttctt caggctcgga ggggcctgcc tgtcactgcg ccccgaccc	60
tagctcaggg actgcagaac tcaagatacc atcccgtttc tcctggctga ggaagggaag	120
ggaacatcca catcttctgt actsgtccat tctgtgtccc cggggcctgg agtaaagaca	180
ccttcaaattg ywgagactct tcagattcag ctttcctgga aactgatctt caatgcacta	240
agagaaggag actctcaaac caaaaatgac caggaggc	278

<210> 34373

<211> 159

<212> DNA

<213> Homo sapiens

<400> 34373

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cttcaaaatc aaggagatta aatccccaga aatggcagag gattggaata cttttctgct    60
acggttcaat gatttggact tgtgtgtatc agagaatgaa accctcaagc atctcacaaa    120
cgacaccaca ctccsgraar gtacaatgac cagcgggct    159
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<210> 34374

<211> 321

<212> DNA

<213> Homo sapiens

<400> 34374

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ccgggaggtg gaggttgtag ttagccgaga tctaaaaaaa ttttaaaaaa aaagagtgga    60
tttgagacta cgagacaaca gctgaatagc tataactctga cataagaatt taatttcttg    120
aaatttattc aatgggraatt awtwacgaat gtttgtaagt gatgttctcc acagcattat    180
ttataaagct tgcagtgaaa ataataaaaa caactggctg ggctcagtga ctcacgcctg    240
taatcccagc actttgggag gctgaggcag gaggatcacc tgaggtcagg agttggaggc    300
ttagtctggc caaaatgggtg a    321
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<210> 34375

<211> 168

<212> DNA

<213> Homo sapiens

<400> 34375

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tgaaacgaaa cttaaggaaa attctggata gtaaagcaat agaccttatg aatgcactaa    60
tgaggctaaa tcagatcagg cctgggcttc agtataagct cctatctcag tctggccccg    120
ttcatgcccc agtcttcaca atgtctgtag atgtggatgg cacaactt    168
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<210> 34376

<211> 244

<212> DNA

<213> Homo sapiens

<400> 34376

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agtctgagcc cagagagccg cggggaccat ggagccggtg ccgctgcagg acttcgtgcg    60
cgccttkgga cccgcctcc ctcccgcgcg tgctgcgggt ctgctcgggg gtctacttcg    120
agggctccat ctatgagatc tctgggaatg agtgctgcct ctccacgggg gacctgatca    180
aggtcaccca ggtccgcctc cagaagggtg tctgtgagaa cccgaagacc agccagacca    240
tgga    244
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<210> 34377

<211> 139

<212> DNA

<213> Homo sapiens

<400> 34377

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cacattctcc ggagaccatc accctaggta catattcttc caacctttct tctgtgcata    60
atcatctagg tgtggtgctt acattttctt ttggcagtggt tatcttagta tcttcagca    120
tggttttctc acctgatac    139
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<210> 34378

<211> 198

<212> DNA
<213> Homo sapiens

<400> 34378
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gttccaagtg ctgttcctcc caggaaatca aaggccaggg tccttatggc cgtggagcct 120
tcccgaccac agagccaact tgtgaagcac acagctctgc agcctgggct ctgcctgcct 180
cagccgcctc cccagcac 198

<210> 34379
<211> 204
<212> DNA
<213> Homo sapiens

<400> 34379
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aacatgggat atcaattgtg aatttttagcc tatgcacaca tattttgtaa atgggataca 120
caaactgcat actgtttgta tatggtgat ttttacttca actgtgttgt cacatgaata 180
tgaacatctc ccttatccgc caac 204

<210> 34380
<211> 262
<212> DNA
<213> Homo sapiens

<400> 34380
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gttgaggtta gtcttttctt taaatgttag caaagtagta catgcatata gtttagagtc 120
aaaaaaatcc tataaagttt acaaaaaggg agcccttacc tcccttcagt agagacgcaa 180
ccttcctttt ttatttcctg aatattttca atatgcagtt gggtgagtc atggatgcaa 240
aaccattga tacggagggt cc 262

<210> 34381
<211> 276
<212> DNA
<213> Homo sapiens

<400> 34381
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tatattctaa tagtaccttg tttctttttt taatcaaata atttcagctc tggccactgg 120
aaactctttc agttgccctg tgcctttga cacacctgca tcactacaga gtttttgata 180
agcatttytt tatttlytgg cattacaact tgcactactg ttatgtatgt gtatatatat 240
atacwcwyac gtatatatat atacacacac gtatat 276

<210> 34382
<211> 171
<212> DNA
<213> Homo sapiens

<400> 34382
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tttkttacat gcatagatgt gtagtggtta agtcagggtt ttagggat ccgtcaccca 120
aataacatgc attgtacca ttaagtaatt gttcatcatc taccctcc c 171

<210> 34383
 <211> 198
 <212> DNA
 <213> Homo sapiens

<400> 34383
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 ggtggcgagt ctcaagtttg attttcgttt gagtggtttt acgttgtgtg tagttagcag 120
 ttgcttcatg ggattgttgt tgtacctgga tctcaggctc agggagcaat gggaagcatg 180
 atttttagtt ggtgccgc 198

<210> 34384
 <211> 164
 <212> DNA
 <213> Homo sapiens

<400> 34384
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 aaaattagct ggggtgtggtg gtgtgcacct gtagtcccta caaaaataaa aaaattagct 120
 ggggtgtggtg gtgtgcacct gtagtcccag ctactcggga gagt 164

<210> 34385
 <211> 338
 <212> DNA
 <213> Homo sapiens

<400> 34385
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 aggctggagt gcaatggcct gatcgtggct cactgcaacc tccgcctccc aggttcaagc 180
 gattctcctg cctcagcctc ccaagtvscg gggattacag gcacgcgcca tcacacctgg 240
 ctaatttttt gtattttttag tagatttggg gtttcaccac gttggccagg ctggtctcta 300
 actcctgata tcatgtgata tgcttgcctt gscctcct 338

<210> 34386
 <211> 238
 <212> DNA
 <213> Homo sapiens

<400> 34386
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 cttgtgtgag ggctgtggg attctccgga tatggccgga gtgtttcctt atcgagggcc 120
 gggtaaccgg gtgcctggcc ctctagcccc gctaccggac tacatgtcgg aggagaagct 180
 gcaggagaaa gctcgaataa ggcagcaatt gcaggccaag cgctatgcag aaaagcgg 238

<210> 34387
 <211> 52
 <212> DNA
 <213> Homo sapiens

<400> 34387
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<210> 34388

<211> 306

<212> DNA

<213> Homo sapiens

<400> 34388

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ccgcggggac	cccgagagtc	tcttgtcggc	cgagtagcag	ccaggaagga	gagactggga	120
tggtttttta	tctgttgctt	tcttaaatca	agggccgccc	ggccggagat	ggatggaggg	180
accggggatt	tgggaactcg	aaaacgagct	gagggaaagg	agcctgtgga	aatagactgg	240
agtctgggta	gtgtcgtttc	ctagagaatg	gtctcgaagt	aacttctcgc	caaaatgaag	300
tttaat						306

<210> 34389

<211> 114

<212> DNA

<213> Homo sapiens

<400> 34389

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tcggctggtc	ggcctctcgc	ccttcagcta	cctgtgcgtc	cctccgtccc	gccc	114

<210> 34390

<211> 271

<212> DNA

<213> Homo sapiens

<400> 34390

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acattcwat	kccagattta	tatktttctg	agttaaattt	ggatgatttc	taaattatca	120
caaagtggga	cctcagcagt	agtgatgtgt	gtgtctcatg	agcagtgagc	acagtctgca	180
ttcatcatga	aacactatct	tctaccagga	ggagggttaat	gtaaatcacc	raatcccaat	240
gccttgtgac	tttcatagga	ttcctgatca	t			271

<210> 34391

<211> 245

<212> DNA

<213> Homo sapiens

<400> 34391

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agtagcaaaa	tactgtaaat	aatattcatt	tcctcagga	aaaataaagg	gcatgcaaaa	120
ataggtcttg	agactcctga	aactaggaag	aattttgtta	tcactaaagt	cttttatagt	180
cagaacaatt	tttttttcaa	atgaacatgg	tatcatttca	agacaaattt	atgtgaactg	240
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<210> 34392

<211> 217

<212> DNA

<213> Homo sapiens

<400> 34392

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cataaatttc	atttccacat	tgattaaagc	tgctgtatag	atttaggggtg	caggacttaa	120
taatagtata	gttattgttt	gtttttaaga	aaagctcagt	tctagagaca	tactattact	180

ttaggactgt gtagttgtat atttgtraga tgacgcc

217

<210> 34393

<211> 357

<212> DNA

<213> Homo sapiens

<400> 34393

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tcttaattat	attgtcacct	tacatgtagg	aattcgtctt	ttataagttg	aaattgtcat	180
ctacaaagac	agtttctttt	tacggatttt	gaaaaacata	agartttaaa	taaagaract	240
ttagtatatt	cttcagctgc	tcttttctct	tagtatctaa	gcttgttaaa	attgctggat	300
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<210> 34394

<211> 354

<212> DNA

<213> Homo sapiens

<400> 34394

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catttaatct	tacgagatca	tgctgtttac	caaattttat	gatgaaatta	atgctttctt	180
cagtaggcag	tcttacattg	taggcagact	cctgtcaagt	tttgtctttc	aaaatgggcc	240
tcattagcaa	gttaccaraa	gtvaravtag	ngcrataaag	taacagartt	ccttttrarc	300
ccatagtaag	ctcttctggc	atgartttrt	agccctcttc	tacccttcca	gcca	354

<210> 34395

<211> 168

<212> DNA

<213> Homo sapiens

<400> 34395

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tgtgcctggg	tatattactg	gacccctgtg	ttgcagccct	aagatagaag	gattgtctcc	120
atttcacaga	tgagagagac	tgatgcgcag	gaggtgaaa	ttgtctga		168

<210> 34396

<211> 284

<212> DNA

<213> Homo sapiens

<400> 34396

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gtaaaagggt	tgataaggaa	aaagctatat	gagggtggag	gagggcagag	ttgacacctg	180
aggagaggaa	cctgcagbcg	ggctcctctb	asgctgtrgg	ggaaacaagt	ttaacaggac	240
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<210> 34397

<211> 237

<212> DNA

<213> Homo sapiens

<400> 34397
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 tcctttccag agcccgctctg ttcccttcg ggtccaaagc ttttggtcc tccttggtcc 180
 gagccgaag gcccgccct tcacgtactc ggagctcgga tcccagtggtg gaccttt 237

<210> 34398
 <211> 154
 <212> DNA
 <213> Homo sapiens

<400> 34398
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 ttgggttcaa gacctgccgg ggctttctga ctttaaata aaaaacctaa aagacattat 120
 tagcttggtt tttgattttg gttttttttt tttt 154

<210> 34399
 <211> 237
 <212> DNA
 <213> Homo sapiens

<400> 34399
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 tcagtgtcca tttaaaaaat attaacattt aggtaaatag agtattacat attatactct 120
 ttagatgatc aagnctctaa tctgtgttga cacttcagaa tttattaaaa gatcttccct 180
 tacttttcag taatttaatt agtttcttta agcctgacat aacgaggagg aktccca 237

<210> 34400
 <211> 129
 <212> DNA
 <213> Homo sapiens

<400> 34400
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 gatggcct 129

<210> 34401
 <211> 198
 <212> DNA
 <213> Homo sapiens

<400> 34401
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 gatgaggag tgggtgggtcc aggtggggct gctggccgtg cccctgcbtg ctgogtacct 120
 gcacatccca cccctcagc tctccctgc ctttactca tggaagtctt caggcaagtt 180
 tttcacttac aaggcct 198

<210> 34402
 <211> 404
 <212> DNA
 <213> Homo sapiens

<400> 34402

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cttccatcct	gggctgacat	cttagcaggt	tgaaggagaa	gacccctagg	aacgcgcacc	120
aaacccataa	tagtagctat	ataacctccc	cagcgttttc	tgccatgtgg	ttcctcagct	180
gggaagataa	atccccacca	aaatcaatca	ggggtgcctt	ccaaattctg	gtgacctgar	240
acaragctat	aactgtagca	attaacccaa	aacatgcacc	caatttaggg	agaragtttt	300
ggatacacag	ccaatctatt	agccatctct	tccaaggca	ggtggtgact	tgagaactct	360
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<210> 34403

<211> 276

<212> DNA

<213> Homo sapiens

<400> 34403

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gaagggtccgc	agcttctactc	ctgaagccag	cgagaccacg	agcctactgg	gaggaacgaa	180
caactcccga	cgcgcgcgct	taagagctgt	aacactcacc	gcgaaggctct	gcaccttcac	240
tcctgagcca	gcgagaccac	gaacccacca	gaagga			276

<210> 34404

<211> 351

<212> DNA

<213> Homo sapiens

<400> 34404

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atgctgtcct	ggactttgtc	aaacaaaaag	catcacaaaag	tccacaaaaa	cagcacctgc	180
tcctagatgg	cgtagatggt	gagtgcctct	tcccatccag	aagggtctcag	cacactgatg	240
atagtgcctt	gtgcatgtcg	ctgtcagggt	tgaatcaagt	gggctgtgct	gctaccctgc	300
ctcattcttc	tgcccttcacg	cctcttaaga	gtgatgacag	acctaattgc	c	351

<210> 34405

<211> 148

<212> DNA

<213> Homo sapiens

<400> 34405

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gttacagtgt	taacgcttag	cagcttttac	ttttggtgaa	aaccttggtg	agtttgggat	120
tcaaattatg	tactgagcgt	ggagctgc				148

<210> 34406

<211> 304

<212> DNA

<213> Homo sapiens

<400> 34406

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tattcagttt	ttgcccagag	ttattatatc	tggggaataa	acagaggaca	cacacccaga	120
ggctgccagt	agcaaaaatc	actgtaattc	aaaaagcatg	acactacggg	agtgaaatta	180
tcacactttt	ctttgcatag	agcagtttac	ttgtgatgat	tttcaaagat	gtgttctccc	240

acttgtcagg ttcattctctt caactgtgtg tcgcacaatt tctcgawctc agtgctgttg 300
 acat 304

<210> 34407
 <211> 248
 <212> DNA
 <213> Homo sapiens

<400> 34407
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 ggccttttgt gggcatatgt ttttatttct cttgagtaaa tacctaggat tggaatcact 180
 gggtaataagg ataggtgcaa ctttataaga macagctaga gctttttgta ctgttttacc 240
 tgaccacc 248

<210> 34408
 <211> 367
 <212> DNA
 <213> Homo sapiens

<400> 34408
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 ccgatataa tctcgtgggtg cgccgttttt taagccggtc tgaaaagcgc aatattcggg 120
 tgggagtgac ccgattttcc agtacatgaa tctctctac taagagatcc tgaaagaggt 180
 catcaaagcc accagaaact attcctggac agaggaggtt ttataggtgt ggttgggtctc 240
 cttactgacg tgtcaactac aaatgcacag ggttctgcct ganatgtttt agttgttgca 300
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<210> 34409
 <211> 199
 <212> DNA
 <213> Homo sapiens

<400> 34409
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 gggggactgt gctagcttta cccccgcagg acatacacag gagcctttga tctcattaaa 180
 gagatgtgaa ccagcgttc 199

<210> 34410
 <211> 323
 <212> DNA
 <213> Homo sapiens

<400> 34410
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 ccaagccaat gwaatggtaa cttggacttt aataaaaggg aaatgagttt gaactgaaat 120
 taggtatttg tttcatgtgt ttgcattaat aagcagaaag ttaagtgtctg tattggtttc 180
 atggttttgc tgccctctta catgctgaga gaactgtgtt aattctcttg aaaccatctg 240
 acatgaaaat cagcttcatt aatatgtttg ggtgccctag cttgtaaatn agctgaaggc 300
 tagaagtcatt ttatatagaa ttt 323

<210> 34411

<211> 174
 <212> DNA
 <213> Homo sapiens

<400> 34411
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 tggtttctag aaggmagga aataatattt cttgagcatt tactaggggtg ttgcgtgctg 120
 tgctaagtaa attttaagtc tttcagtttt atagatacgg aaaacaaggg tggc 174

<210> 34412
 <211> 193
 <212> DNA
 <213> Homo sapiens

<400> 34412
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 aaaaaatgaa gtaggaaaat aagatgaaga ctttgtattt tggctgtaaa gttttattgt 120
 gtgatcatct taaattatct cacttcatta aactcataat tatatataga agtatatgtc 180
 aattacaaag gta 193

<210> 34413
 <211> 84
 <212> DNA
 <213> Homo sapiens

<400> 34413
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 cccacgtccc ccacgccagc gcc 84

<210> 34414
 <211> 235
 <212> DNA
 <213> Homo sapiens

<400> 34414
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 gcagctgcc a rggtcatcg cattggccaa aacaagtctg ttaaagtatt tcggctgatt 120
 ggtcgagaca ctgtggaaga aatagtctat aggaaagcag cctccaaact gcagctcacc 180
 aacatgatca tagaaggagg ccattttact ctgggagccc agaaaccgc tgcca 235

<210> 34415
 <211> 131
 <212> DNA
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<400> 34415
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 gcggccgcct cagcatgtcg gacttcgacg agttcgagcg gcagctcaac gagaataaac 120
 aagagcggga c 131

<210> 34416
 <211> 175
 <212> DNA
 <213> Homo sapiens

<400> 34416

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 aaagggttaag tcccttcctg aaatctcaca gccaggagaa gctaggatga tttaaaacaa 120
 agtttgagga ggcaactggc atagaccctg gctgtacagc ctctaacaatg cggca 175

<210> 34417

<211> 236

<212> DNA

<213> Homo sapiens

<400> 34417

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 aacatctttg tgggtttctc tgtatttcct gaatttgaat gttggcctgt cttgctaggc 120
 tggggaagct ctccctggata atatcctgaa gaattttcca acttggttcc attctcccta 180
 tcactttcag gtacaccaat gaaacgtagg tttggtcttt tcacatagtc ccaata 236

<210> 34418

<211> 366

<212> DNA

<213> Homo sapiens

<400> 34418

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 gcacgaggaa ccccatgtgt gtggagactg tagggtgaga gcacacaatt attagcatca 180
 tttctgagtg atctcacaga ttttttttct tgtgtttgtt ttgctttttg acaactgctt 240
 ctcccacgtt ccttgcaatt ctattctctc accttcactt tactatttgt attcgatgga 300
 ccaggataat tcaggcaagg ttaccttgta aacttgaatt ggccacacac catggtgtca 360
 ccctct 366

<210> 34419

<211> 391

<212> DNA

<213> Homo sapiens

<400> 34419

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 gctaatagtg aaccattcaa tgaatgacgt tgtttctacc ccagaaatac tctcacagtg 180
 gtagggaaga tataacttct gcttatttct tagtaatgag ggcagtagga watatcaaag 240
 cattgaggag atttagagaa ggaaattata tctcacttct ctttgggggt gatcaggaaa 300
 gacctcaaag agaaagtagc atttaatgtg gaccttgaag gatgattaga rgttttgtca 360
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<210> 34420

<211> 212

<212> DNA

<213> Homo sapiens

<400> 34420

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 aagtgggcaa aggatatgaa cagacacttc tcaaragaag acatttatac agccaaaara 180

cacatganaa artgctcatt tcactggcca ca 212

<210> 34421
<211> 117
<212> DNA
<213> Homo sapiens

<400> 34421
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aaaagaaaat ggcattgggtg arggagcagc acctmmaccc ttacctcatc cgagaat 117

<210> 34422
<211> 290
<212> DNA
<213> Homo sapiens

<400> 34422
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ataatattat gcttttcaat attgatgagt gatgtaaaca atataaagtt ggcagtttgt 180
agtagttcag taccctagaa atacattgaa cttcataagt atcagttcat ttttaagcat 240
acagaattga agattctgac tgaaatcata aactcagagg aaacaadnsh 290

<210> 34423
<211> 256
<212> DNA
<213> Homo sapiens

<400> 34423
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tttctgtgac tgattccctt agccaaatgc tacacttgtt tgctgaattt atcacttaac 180
cttattttat ttgagtcctg tttgaggaat taaaatgggt ctactcattg ttggcatgac 240
ctcctctccc ctcccc 256

<210> 34424
<211> 226
<212> DNA
<213> Homo sapiens

<400> 34424
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ctggtgagag atggggcctg gatgtgtttg cttaggctgt gtgaaacacc tggctcttaag 120
cgatcctctc accctggcct cccaaagcat tgggattaca gggagaaaag aatgggaact 180
gtgaggaaaa gaatgacatg aacaatggga agaccaaggt cccaga 226

<210> 34425
<211> 246
<212> DNA
<213> Homo sapiens

<400> 34425
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catgtttacat	tgtttctccct	tcacctttctc	ggtcattgtt	caccactgtt	tccctttctag	180
tcatatccca	gggggccttg	tcccatttat	acagctctat	tctagtgggc	accagaggaa	240
tgaggag						246

<210> 34426
 <211> 423
 <212> DNA
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gagcctagca	atagcaagat	atttgaccaa	aaacacagat	ttggctggaa	acacagaant	300
ggaacaatgt	catgttgatg	ctattgtgga	cactctggat	gatttcatgt	catgttttcc	360
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tgc						423

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 <212> DNA
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<400> 34427						
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cagcaagctc	tctggacctt	ggagcaggcc	tgccgccttc	atgtccmact	ctcctcatca	120
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ataatggaag	ctggggaggc	cggggagagg	ttattacgac	ctattgccct	gctaacaacg	240
agccaatagc	aagagtccga	caggccagtg	tggcagacta	tgaagaaact	gtaaagaaag	300
caagagaagc	atggaaaatc	tgggcagaa				329

<210> 34428
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 <212> DNA
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<400> 34428						
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gtctctagtc	tctgtcttcc	aagggttgaga	gaggtgggag	gtctctgaaa	atcatccygt	120
tagagtgtct	gtcctcttac	agtgcgagag	aaggaacgtt	tctcagggtt	tcagctcaca	180
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<210> 34429
 <211> 208
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<400> 34429						
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aggatcaaag	ccacacccaa	agagtaaggc	agattagaga	ccagaaagac	cttgactact	120
tccctacttc	cactgctttt	tctgcatttt	aagccattgt	aaatctgggt	gtgttacatg	180
aagtgaaaa	taattcttcc	tgccttcc				208

<210> 34430
 <211> 71
 <212> DNA
 <213> Homo sapiens

<400> 34430
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 cccgtgcaga a 71

<210> 34431
 <211> 227
 <212> DNA
 <213> Homo sapiens

<400> 34431
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 aaatccattc tcaaatccca aatwtcacag asaccctca cacaaggaat atraaaacca 120
 ccaccctcca gcttgggcaa cgtagtataa cctcatctat acaagaattt aaaaataagc 180
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<210> 34432
 <211> 51
 <212> DNA
 <213> Homo sapiens

<400> 34432
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<210> 34433
 <211> 290
 <212> DNA
 <213> Homo sapiens

<400> 34433
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 gaggcagacc catgtgctgc tgttgcaaag aggggaggat aggaggggga tgttggcctc 180
 tcccaggctc ctcttctgca gtgccagctg acttaaggga gtgaactacc tgtgaagtag 240
 aaaatcagag ggaagttttc attctaagga aggagttttt acatgccaca 290

<210> 34434
 <211> 364
 <212> DNA
 <213> Homo sapiens

<400> 34434
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 taccacaagg tacgtccatt tggactacaa gaagagcttc ctttaaagtt cctatttcag 180
 cataaagagg ctgtcctttt tttttaggaa tagtttgac cttgtgcctc ctgtgggagg 240
 ctgaggactg caagaggaga gctagcagat atgcctgttc acccctctct ggtacttggt 300
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 <212> DNA
 <213> Homo sapiens

<400> 34435
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 tctaagcaac ttgtacacta aatttttaaat taatagamca acagtaatga matgataggm 180
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<210> 34436
 <211> 136
 <212> DNA
 <213> Homo sapiens

<400> 34436
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 atacggaagc caccgt 136

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 <211> 305
 <212> DNA
 <213> Homo sapiens

<400> 34437
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 tgcgccacct cagctgcgcc ccgtggacat tagcgaatgt ttgaggagtg agttattcag 180
 tagatggaga gaggccctca aagttggcta gaagataaat gactaaaagg aaagcctgtt 240
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 cttca 305

<210> 34438
 <211> 114
 <212> DNA
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<400> 34438
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<210> 34439
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 <212> DNA
 <213> Homo sapiens

<400> 34439
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 gttcaaacia ttcttctgcc tcagcctccc aactagctgg gattacaggc atgtgtcacc 180
 atggccgggt aatttcgtat tcttagtaga gatgggggtt caccatgttg gtgaggctgg 240

tctccaactc ctgacctcag gtgatcaggc cacctcagcc tcccaaagtg gtgggattac 300
aggcgtgagc caccgcaccc ggcctc 327

<210> 34440
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<212> DNA
<213> Homo sapiens

<400> 34440
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tatgagatag gaatccatt tcaacttttta catggcattt ccccaaagga tcattttattg 180
aatagtccat cttttcccta ctggtttgaa atgccaccac tgttaaagat cacatttatg 240
tttatatgtg ttgatcagtt tctaagcact gtatagtatc ttattgggtct gagtttttaa 300
aaaatcaatg cattatttta aatcaaaaact tcattaactc tttaaactta tttagcttaa 360
tcttactatt ttgttgaata atactccctc c 391

<210> 34441
<211> 290
<212> DNA
<213> Homo sapiens

<400> 34441
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ttcttctgtc tcttccttac cctggccctg caccctgtg ctttaagagg agaggtggga 180
ggtgctgtct ggtatcattt gctgcctcgc cagtagaggg tgccgctgtg cagggttaact 240
gcccgcctgc tcccttctg acctccctg accccgaaga tcactacctc 290

<210> 34442
<211> 347
<212> DNA
<213> Homo sapiens

<400> 34442
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accatactga ggctttctga ctgagctcct ctctaccctg gatacaagag accctaatag 120
gcaggaatat cattgcccct agtcagccta aagaagttac agtggatgga tctttgcccc 180
tctgcaaccc ttaggattaa agatccctt gtaakacgga ggggggaaat atgtcagaag 240
tgtttgaacc agagcaactg catcttgaac agggctctggg taaaataaag ctgagacctg 300
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<210> 34443
<211> 331
<212> DNA
<213> Homo sapiens

<400> 34443
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tcttgccact gtcactctt tgggtccaca ctgcttttat gagctgtaac actcaccgcg 120
aaggtccgca gcttcaactc tgaagccagc gagaccacga gcctactggg aggaacgaac 180
aactcccagc gcgcccctt aagagctgta aactcaccg cgaaggtctg cagcttcact 240
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cagaagcaac aaactccgga cagcccgca a 331

<210> 34444
 <211> 311
 <212> DNA
 <213> Homo sapiens

<400> 34444
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 aaattttattc aatggaaata attacgaatg tttgtaagt atgttctcca cagcattatt 180
 tataaagctt gcagtgaata taataaaaaac aactggctgg gctcagtgmc tcacgcctgt 240
 aatcccagca ctttgggagg ctgaggcagg aggatcacct gaggtcagga gttggaggct 300
 tagtctggcc a 311

<210> 34445
 <211> 113
 <212> DNA
 <213> Homo sapiens

<400> 34445
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<210> 34446
 <211> 252
 <212> DNA
 <213> Homo sapiens

<400> 34446
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 gcattcagtt tcttgggtaca gtgtacaagg tgaatatctt aaccagactt gccgcagaat 180
 tgaacaaatt tatgctggaa aaagtgactg aggacacaag cagtgttctg cgttccccga 240
 tgcccgaat gg 252

<210> 34447
 <211> 281
 <212> DNA
 <213> Homo sapiens

<400> 34447
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 acatgttttc tgaaactatt actttataat agaaacaaca cataccaaca taacatgaac 180
 atatatcatc acttttacat gactgcttca tattcatcag tttttggcag ctgtttgtga 240
 atactgccac atgtttttta agatgtataa agggagcvhk k 281

<210> 34448
 <211> 139
 <212> DNA
 <213> Homo sapiens

<400> 34448
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tggtttgtcc tactattggt gatattaagt ttgatcactt gatgaagtgg tatccatcag 120
atttctctac tgaaaggct 139

<210> 34449
<211> 152
<212> DNA
<213> Homo sapiens

<400> 34449
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ggataacttc ttaaaaatgt cttatttttag tcctagtgat tttgaaaaat ataatcagtt 120
tccttaattt ttccgtcttt tctaggtgtc at 152

<210> 34450
<211> 158
<212> DNA
<213> Homo sapiens

<400> 34450
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aggagctgga cctgtttctc cgtcggggcg gctctcgggc tgctgttgcg cctgggtgtt 120
tccacgcttc cccggcgcgg gactgtgggg cccctgca 158

<210> 34451
<211> 220
<212> DNA
<213> Homo sapiens

<400> 34451
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cttaaagtag ctaagcttta taattctgtt ggctctatca aatgaaaagt ctatccattc 120
caaaactgaa caaataagtt ttatttctgt gtgagaacaa atggttactt ggaatttact 180
gggatttttc tttttccaaa tccacatagt actggcaaca 220

<210> 34452
<211> 80
<212> DNA
<213> Homo sapiens

<400> 34452
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atttgtctgg ttttttcttt 80

<210> 34453
<211> 66
<212> DNA
<213> Homo sapiens

<400> 34453
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aaaaaa 66

<210> 34454
<211> 258

<212> DNA
<213> Homo sapiens

<400> 34454
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tattatgtaa tgcccacaaa tgatagatag catttgaaag taattgctgg ctgattatag 120
gcatggtggc ttatgcctat aannccagca ctttgggagg ccagggttgg tggatcacat 180
gaggccagga gttcaagacc agcctggcca acgtggcaaa actctgtctc tactaaaaat 240
acaaaataat tagctgga 258

<210> 34455
<211> 352
<212> DNA
<213> Homo sapiens

<400> 34455
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tgggtctcact cacttcaaga atgaagccgc ggaccctcgc agtgagtgtt acagttctta 120
aaggcggcgt gtccggagtt tgttgcttct gatgttcaga tgtgttcgga gtttttctc 180
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ttacagctct taaggcggcg cgtcgggagt tgttcgttcc tcccagtagg ttcgtggtct 300
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<210> 34456
<211> 376
<212> DNA
<213> Homo sapiens

<400> 34456
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tgtgcacaag atacatgtca attgactatt ttttgtcata tgtaacadwc agatwtsck 120
gcctttcact ttagagctac ctcaaaaaaca ttgttacagg ctaggcacag tggctcatgc 180
ctgtaatcat agcacttttg gagaccaagg ctggagaata gcttgagccc aggagttcaa 240
gaccagtctg ggcatataaa agagaccctg tctctaraaa aatttataaaa ttagccaggc 300
attgtggcat gcacctgtag ttctagcttg agcccagcag gtggaggcta cactgagcca 360
agatcacacc actgcg 376

<210> 34457
<211> 113
<212> DNA
<213> Homo sapiens

<400> 34457
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tcttgccact gctcactctt tgggtccaca ctgcttttat gagctgtaac act 113

<210> 34458
<211> 187
<212> DNA
<213> Homo sapiens

<400> 34458
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ctatttcatt tcaagtgtgc tgttctgtca ttttctctaa cgtgggaagc tcagctgcgt 120

aacttgtagt aacgaagcgg aagttacaac gaaaagacaa gttttcctgt gcttcgcagg 180
 ccccccc 187

<210> 34459
 <211> 401
 <212> DNA
 <213> Homo sapiens

<400> 34459
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 gtgtgcccac atccgggcct ccttcgcgga cggggaccca gtgcacaggc accggcagct 180
 ggccaaactg ctctacgtcc acatggtggg ctaccccgcc cactttggac aggtactggc 240
 caggaatacc tccctcctga gcttgatgaa ggctagtggg gcagagtccc agactctctc 300
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 caaacctctt tccccattgc taccctact ggtcatcagc t 401

<210> 34460
 <211> 89
 <212> DNA
 <213> Homo sapiens

<400> 34460
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 ttgagaccac cctgggcaac atagcgagc 89

<210> 34461
 <211> 319
 <212> DNA
 <213> Homo sapiens

<400> 34461
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 tgtgtgttgg gccagtgtta ttattgatcg cttactgtat atcccaggcc cactttccag 120
 catctgaatc cgacgaatca attaaattaa ccagaagttt tgggtgcttg gttgtttttg 180
 agacggagtc tcgctctgtc gcccaggctg gagtgcagta gcagcaatct cggctcactg 240
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 tacaggcgcc aacccccac 319

<210> 34462
 <211> 208
 <212> DNA
 <213> Homo sapiens

<400> 34462
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 cgaccacatt ctttcgtttt gttttgtttt gtttttaaac acctgcttac cccttaaagt 180
 caatttattt acttttacca ctgtcaca 208

<210> 34463
 <211> 173
 <212> DNA
 <213> Homo sapiens

<400> 34463

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cacacctgct	ctgegetctg	gctacacatc	tcctgtcgct	gccacgcgcc	tgacagctaa	120
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<210> 34464

<211> 68

<212> DNA

<213> Homo sapiens

<400> 34464

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tctcttta						68

<210> 34465

<211> 332

<212> DNA

<213> Homo sapiens

<400> 34465

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ggccaagtgt	gaatgaatct	gcagtttcta	atgagtcaca	accacaactg	aaagtcttct	180
ccctggctca	ttcagctccc	ctgaccacag	aggaagagga	tcactgtgct	aatggacagg	240
actgtaatct	aaatccagag	attgccacaa	tgtggattga	tgaaaatgct	gttgacagaag	300
accagttaat	taagagaaac	tatagttggg	tg			332

<210> 34466

<211> 349

<212> DNA

<213> Homo sapiens

<400> 34466

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gtcctgagga	gtggattaca	tattccaaca	gttgttacta	cattggtaag	gaaagaagaa	180
cttgggaaga	gagtttgag	gcctgtgctt	caaagaactc	ttctagtctg	ctttctatag	240
ataatgaaga	agaaatgaaa	tttctggcca	gcattttacc	ttcctcatgg	attggtgtgt	300
ttcgwarsag	cagtcacat	ccatgggtga	caataaatgg	tttggcttt		349

<210> 34467

<211> 325

<212> DNA

<213> Homo sapiens

<400> 34467

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cttctcttat	atattagakw	agtgactgga	gthatwktta	tttcctctgc	aagagwgcta	120
tagttcgaga	tcatgtctta	gagttgggta	cttctgagaa	gagttcttat	atttggctaa	180
ttccactgta	catatattat	cagtatctag	aaatttcggt	tggcctcttt	catcaagcca	240
mattctgatt	caattttcwm	ngaaacttag	gcagtttcta	cactattcag	aaagctggwg	300
ggggaggcca	tctagggtag	attta				325

<210> 34468
 <211> 170
 <212> DNA
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<400> 34468
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 tcaattccgt gtctttcaat ggcagaagg gttttgcaca ttagattaca taagccattg 120
 tccattgact ccttgtcctt tgcacttgtc caagagtggg ccccaggcaa 170

<210> 34469
 <211> 384
 <212> DNA
 <213> Homo sapiens

<400> 34469
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 gttgctagta gaccgagggg tgggaattac tgaaatggaa aatctagatg acagtgcctg 120
 ggaagagaaa actagaacag ctcatgtgaa gacaaccttt actgcatgtt gacgctgatt 180
 taggcaatag ctctctaaaa atcatgtata aagttagtta gttagacatg aaatctcttc 240
 cccaatgttg atacctgccc acaaaatatt ctcaccttca gagtataaga agaattcattc 300
 ttaaagccaa atattcagtt caaggcacat acgtcatctg cagttgtaaa tttgcattta 360
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<210> 34470
 <211> 219
 <212> DNA
 <213> Homo sapiens

<400> 34470
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 tgatccagtc aggcccttgt tgcagtgcag tgcaggacag cmagccccc ggcaggatgg 180
 caccaagagc ccccgcccca cctccatgac cgcaggagc 219

<210> 34471
 <211> 488
 <212> DNA
 <213> Homo sapiens

<400> 34471
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 aagatcatga atcaccatct tcaggcaggg taccagcacc agacacctcc attgaagaaa 300
 ctgaatcaga tgccagtagt gatagtggag atgtatctgc agttgttgca cagcactcct 360
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 aaggctkr 488

<210> 34472
 <211> 410
 <212> DNA

<213> Homo sapiens

<400> 34472

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tgcttaattc	cataaactga	aaactttttt	tttctttttt	ctttcttttt	ttgagatggg	180
gtcttgaggt	gcaagtggta	tgagcatagc	ttcctcaaat	tcctgggctc	gaatgggcct	240
ctcactgcag	cctcccaaca	ggctgggtacc	accacactca	gctaagtttt	ttgttggtgt	300
ttttttttgg	tagagacagg	gttgcgctct	ttcgcccagg	ctgggtctcaa	atttgtggcc	360
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<210> 34473

<211> 229

<212> DNA

<213> Homo sapiens

<400> 34473

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cagaaagctg	agactggctg	atgttcagag	cacttactcc	tctagaggga	aagcatgaca	120
ccgaacacta	agcacacagc	tttttggtgt	tttggttttt	tctcccga	atcttaaagt	180
gattcccatg	accttgGCCA	aggacacttc	ttaaagatta	atgactggc		229

<210> 34474

<211> 282

<212> DNA

<213> Homo sapiens

<400> 34474

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acagggtccg	tggtcacatc	taaaatgacc	tggagaggac	tgggcgcggt	ggctcatgcc	120
tgtaatccca	gcactttggg	aggccaaggt	gggaggatcg	cctgaggctc	gaagtccggg	180
accagcctga	ccaacatgga	gaaactccat	ctctactaaa	aaatacaaaa	ttggctgggc	240
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<210> 34475

<211> 193

<212> DNA

<213> Homo sapiens

<400> 34475

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gcaggactga	gggtttttgc	aacaaaaccc	tagcagcctg	aagaactcta	agccagggtt	120
aattgggttc	tttttctcgt	gggtagactt	aataattttc	tacgtattct	gacaaagaaa	180
taaccccgaa	gcg					193

<210> 34476

<211> 172

<212> DNA

<213> Homo sapiens

<400> 34476

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tccagccacc	ttgtttgggg	tgatatgaaa	acatccagct	ctcctgggtga	gggcctctcc	120
caccccatgc	catcatctgg	aggcgggctg	ctccgcccac	catggccctt	ta	172

<210> 34477
 <211> 171
 <212> DNA
 <213> Homo sapiens

<400> 34477
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 gttgcctttt catctctttt ctgatgatct aaccatgaaa gtccccagta tttgagcatt 120
 taaggcagaa tgtaaattca taatttaaga agatTTTTTg ttacgtggcc a 171

<210> 34478
 <211> 412
 <212> DNA
 <213> Homo sapiens

<400> 34478
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 gcttatgtcc tcagtcacca gtgtggaatt aagagagtgg tagrattcac ttaaacaggc 180
 gagcatttct tggaaaaata ctgatacagg tctgagaccc tctgattttt cttggaatcc 240
 ccaggagtta gcaaaatctg tgcagcagcc attgcatctt ctagcaggaa agtttctacc 300
 aaagaccttt caagtatcaa catatgaaga agaagaaaga aactggctgt taccgatctc 360
 acagtctttc tgatggmcaa aagtgrcaaa gcatgaagac tgaagacgac ag 412

<210> 34479
 <211> 144
 <212> DNA
 <213> Homo sapiens

<400> 34479
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 gcctcctgtc cagctgctgc accg 144

<210> 34480
 <211> 164
 <212> DNA
 <213> Homo sapiens

<400> 34480
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 aattgtgttt cctgggactc agaggctttg aaaaattttt ggaaatatat cttccattct 120
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<210> 34481
 <211> 212
 <212> DNA
 <213> Homo sapiens

<400> 34481
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 tgaatgttgt tgaagatttt cagtagtata garaaatgat ggcgctcttg tgatatttgt 120
 aagtagtaag taaaattttac tttttgtgta caaatctttg aagtttttgt tgtgttgaga 180

actttttgat tgtagcacgt taaggctgat cg

212

<210> 34482

<211> 276

<212> DNA

<213> Homo sapiens

<400> 34482

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gagacagtga	agccttctca	catcgctgtc	ctgcctgggt	aytcaaaatc	cagacacaca	180
gctgtcttta	tgagtcacct	tttcaactgt	gaagaggctg	aggccgagag	gatcggccaa	240
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<210> 34483

<211> 379

<212> DNA

<213> Homo sapiens

<400> 34483

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gggatggtga	tgctgtcgac	tccgggcaat	taatgtggtg	attttaaaact	caataataat	180
atagccatgt	ttgtcctcga	atggcagaga	tgccagtcac	tgacgcataa	ggctdcccag	240
tttcagttt	tatttactta	gtagccaggc	tgaaatgtgg	aatcctagag	aataaggcag	300
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<210> 34484

<211> 158

<212> DNA

<213> Homo sapiens

<400> 34484

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ccgctgctgc	ttccaggagt	gtgcagggtg	cagctrccgc	tgagcccgcg	gcggaggatg	120
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<210> 34485

<211> 157

<212> DNA

<213> Homo sapiens

<400> 34485

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<210> 34486

<211> 382

<212> DNA

<213> Homo sapiens

<400> 34486

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agtggaggag	gtgaggaagc	acacttccag	cattgcttgt	taaagcctta	gggctagggg	180
tccatgattg	agagttttatt	ttagtacact	agcatagtat	ttaggagagt	gctaactgct	240
ataacaaaga	gacccccaca	taggcaaata	ccaagcgag	ataagttatt	ttctcctgat	300
gtcacagtta	agagcagggt	aaggcagaag	ttcccctcca	cgaattaatt	caccagggt	360
gatagctggt	ctgccatctt	ca				382

<210> 34487
 <211> 86
 <212> DNA
 <213> Homo sapiens

<400> 34487						
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<210> 34488
 <211> 395
 <212> DNA
 <213> Homo sapiens

<400> 34488						
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gcaatctgga	taatatattac	caccaacacc	cccttcccca	gttcaagatt	tggtgttatt	180
gtttgctagt	tgtttagtga	tttggatgta	gtagttcagt	gaagtctact	ttccctacac	240
tatgaagtct	ctgatgtcac	ctcagaaggc	acaaggtttc	ttatgtgcac	aatcaccttg	300
ggatggcatt	ggttttttatc	agggctctat	ttgatgggtt	ctttttctga	tctctctgtt	360
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<210> 34489
 <211> 157
 <212> DNA
 <213> Homo sapiens

<400> 34489						
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gcgtctagaa	actggtaaat	acttgaccca	tttcagcttg	aatttgacgg	cgaagtgttg	120
tagagaccgt	ctccttgaat	cattgcaaag	ggacctta			157

<210> 34490
 <211> 270
 <212> DNA
 <213> Homo sapiens

<400> 34490						
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agacagctgt	gggatgcac	tgacactga	ggagccatga	tggtctgtgg	acgcccagaa	180
gctgggggag	gcctggagca	gcctctccct	tacagcctca	gggggaatca	gcctgctgtg	240
agataataaa	tgtctgttgt	ttaagcccc				270

<210> 34491

<211> 254
<212> DNA
<213> Homo sapiens

<400> 34491
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cttcttccct tggcctcgt ctctgcccag ccccgggctc cttttctcca cacgtggctg 180
tcaagcgct tctgtatgcc ccacactcct gggagcttgg gctacatcga tgaacaaaaa 240
caaaggacag ggag 254

<210> 34492
<211> 131
<212> DNA
<213> Homo sapiens

<400> 34492
gagacggagt ctgcgtctgt tgcccaggct ggagtgcagt ggtgtgacct cagctcactg 60
caacctccac ctctggggt caagcgattc tctgcctca gcatcccag tacaggcact 120
acaggcacac c 131

<210> 34493
<211> 83
<212> DNA
<213> Homo sapiens

<400> 34493
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attttttttc catttttttt ttt 83

<210> 34494
<211> 146
<212> DNA
<213> Homo sapiens

<400> 34494
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tttcttgaag gaatccctta agtgcacgtc tcccgtttt cttttcacat caatgcagag 120
tccctctgtg aatttacaac acccgc 146

<210> 34495
<211> 144
<212> DNA
<213> Homo sapiens

<400> 34495
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gagccctgtt catctttcag tggctttgct tctcctgatg cttttgctcc ttcaattatc 120
tctgccttct cccacctcct ctcc 144

<210> 34496
<211> 291
<212> DNA
<213> Homo sapiens

<400> 34496

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cgttacacta	tgtactcatt	cattctcact	tttactcctt	tcttagamat	aatttcctag	180
agtccagggtg	yggygtcyta	tatckgkaat	cccagcactt	tgggaggctg	aggcagggtg	240
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<210> 34497

<211> 385

<212> DNA

<213> Homo sapiens

<400> 34497

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agcttttttc	ctttgggaag	aaaaacatgg	tagagttaat	agcaataaat	aagtaaacac	180
aaattcaaaa	ttatgtttgt	gggtatcatg	cttttataaa	agatagtaaa	taaataatac	240
cttatcactg	tgaaatcttg	attaatcatg	actttctggc	tcttttttct	gcaaattcat	300
tttagtcatc	aaaattttata	cttttataaa	gtttcatttt	taattantat	attggaagta	360
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<210> 34498

<211> 168

<212> DNA

<213> Homo sapiens

<400> 34498

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gcttcgtgaa	cctgctgtcc	gtagctctgt	ttcacagatg	ggggaaactg	aggcctggcg	120
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<210> 34499

<211> 60

<212> DNA

<213> Homo sapiens

<400> 34499

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<210> 34500

<211> 242

<212> DNA

<213> Homo sapiens

<400> 34500

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tgctttggcg	aggaggtgct	gatgtagcca	ggaggggagg	ggtaggaaa	tgaagtggcc	180
agtacccac	gatccactg	cagttgagtt	tgtcccctcc	aatgaggtgg	accctggggc	240
ct						242

<210> 34501

<211> 191

<212> DNA

<213> Homo sapiens

<400> 34501

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tgggggcccc	agatcgccac	ttccggtgac	cagagattac	gtgtgaaaat	gaacttgtgc	180
aaaccaacc	c					191

<210> 34502

<211> 168

<212> DNA

<213> Homo sapiens

<400> 34502

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cctggagctg	tgctgtggct	tgaggagatc	cgccaggagg	tggtcagagc	caaccaggac	120
actaatacag	ctcagagaag	ctcattggcg	gggttatagg	cagcaggt		168

<210> 34503

<211> 385

<212> DNA

<213> Homo sapiens

<400> 34503

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acatataagg	cctcacataa	gtttaaagta	aaggggtgga	aaaaggcatt	tcatgcaaat	180
ggacaccaaa	agcgagcagg	agtagctatt	ttatcagaca	aaacaaactt	garagcaaca	240
gcacttaaga	gagatgaaga	gggacattac	ataatggtaa	aagccttgtc	caacaggaaa	300
atatcacaat	cctaaacaga	tatgcaccta	acactggagc	acccacattt	agarrrcrat	360
tactaataga	cctaggarat	gagat				385

<210> 34504

<211> 191

<212> DNA

<213> Homo sapiens

<400> 34504

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taataaatgg	aggtggggcc	aggcatggtg	gctcacacgt	gtaatcccaa	cactttggga	120
ggctgaggag	gaaggatagc	ttgaggccag	gagtttgaga	ctagactggg	caacatagca	180
agaccccgcc	g					191

<210> 34505

<211> 158

<212> DNA

<213> Homo sapiens

<400> 34505

actcagtagt	cagaaattaa	gatccccctc	gatagagata	gattctcaaa	acaaaaatkg	60
gactgaaaat	tagattgaga	agaaagatac	aacttcctcc	atagccaata	aaatctgtct	120
ttccaagtct	gcttattaat	gctgtgaatc	gctccttc			158

<210> 34506
 <211> 277
 <212> DNA
 <213> Homo sapiens

<400> 34506
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 rrtaaccttt gggcaaaash agtcctcaa accctcactg gtctgggtgac cgcamtact 120
 ggctgtgtga acgtttccct ggtcccgggtg aatgccctga aakgccccgt gaagggctca 180
 gtgaccacac tgaaaagttt ggtgagcacc cctgmtgggc ccgtgaamgt cctgaaaggg 240
 cctgtgaatg ttcttacggg gccagtgaat gttctca 277

<210> 34507
 <211> 111
 <212> DNA
 <213> Homo sapiens

<400> 34507
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 ccaatctgga aacaatacat tgtaaatagt ttttcattgt atgaagtagt g 111

<210> 34508
 <211> 353
 <212> DNA
 <213> Homo sapiens

<400> 34508
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 cccaggattt ctccattttc taatagatgt gggagtgtct cattttcccc gacagcgaat 180
 ttcccctgag aaacgatact agaccctggg ttgcccacc ttgtaactct tccttatctc 240
 ctccctttca tccctaattc atccctccctc tggcatggaa ttgacgcccg tgcagtacat 300
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<210> 34509
 <211> 241
 <212> DNA
 <213> Homo sapiens

<400> 34509
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 gaamcgtgac acaggcacag attgctggtg gacatataag ttggtacagc cctctctatg 180
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 t 241

<210> 34510
 <211> 162
 <212> DNA
 <213> Homo sapiens

<400> 34510
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 tcccatcaga ctactggaaa accatggagc tcctgtctat gccatcaaac aagataccaa 120

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162

<210> 34511

<211> 408

<212> DNA

<213> Homo sapiens

<400> 34511

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tgggtagtat	aaaatcatca	gagctgaagg	catctagaaa	ttatctgtac	cagccctctg	180
ctttagtcac	ggaaaatagt	cagtatactc	atttttatag	acagtgtatc	tcaggctcag	240
agagagaatg	tgacaacaaa	caataaaactc	agactttgtc	tttaaggctc	agtagaatct	300
ttcatctctt	agtcctntta	tttcttggtg	tgattttttt	ctgacagttt	cttgtatgga	360
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<210> 34512

<211> 75

<212> DNA

<213> Homo sapiens

<400> 34512

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cactaccccc	cccc					75

<210> 34513

<211> 235

<212> DNA

<213> Homo sapiens

<400> 34513

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agacagcgtc	amccgtcgga	rcgtkgcatc	acagtttttc	actcmragg	abggggccsgg	180
catcsatggc	atgaccacct	cararagggt	kgtggatctt	ytgaaccagg	cggca	235

<210> 34514

<211> 309

<212> DNA

<213> Homo sapiens

<400> 34514

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catcaatgcc	cagctgcccc	tgacagacaa	ggccccgsrw	rggcccccca	trtcctagac	120
aactcgggcg	agtggagtgt	caccaaacgc	caggtcatcc	tcttgcacac	tgagctggag	180
cgctcccttg	agtahctgch	gctgaggtty	sgggctctca	cagggctcgc	tgccattgcc	240
aghtcctct	acctgctcac	ccactaccty	vtgccttasg	cctagtgggg	cactcaaggc	300
agggagccc						309

<210> 34515

<211> 51

<212> DNA

<213> Homo sapiens

<400> 34515
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<210> 34516
<211> 291
<212> DNA
<213> Homo sapiens

<400> 34516
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atttcaagtt gctttatggt aaaatatata acaagttaca ttttcttgct gcattaataa 180
gtttttgatt tttaaaatct gatatttcag caactaaagg aatacttttc tttataggtc 240
tgttctgttt ttaacctcat tgactgtata tgttttattt acccgtgcca c 291

<210> 34517
<211> 73
<212> DNA
<213> Homo sapiens

<400> 34517
attttttaag tggagtctca tagtttgact gaatggaata atttccattg gcattgcaaa 60
aaaaaaaaaa aaa 73

<210> 34518
<211> 329
<212> DNA
<213> Homo sapiens

<400> 34518
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ggttttgcac tatagtttag ctcttcacag agaacgcggc gctgtcaagc tgtcaatgtc 120
tgtctaccgc ctggagaca caggccgccc ggaaaccaca gggtcgacgg gaacggcgga 180
gtgtagcatc cccgggcccc aagtcacag tgcctctccc acttgacctg tcggcgcccc 240
ttctcaaagt acggatctcc aagaggaagg acctctctcc tctcsastct cagagtaaag 300
caagccagca gcgcaaagtg cacctccc 329

<210> 34519
<211> 369
<212> DNA
<213> Homo sapiens

<400> 34519
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gcacacaggc tgagcgctga ggagagggga ccagctgctg ccaaacctga gggctgtggg 120
gtggaatgag ctggaaggcc gtgatgccat cttcaagcag ttcatattca aagacttcaa 180
cagggccttt gggttcatga caagagtggc cctgcaggct wngaaactgg accaccatcc 240
tgaatggttt aacgtgtaca acaaggtcca catcacgctg agcaccatg agtgtgccgg 300
cctttcagaa cgggacataa acctggccag cttcatcgra caagtagcag tgtccatgac 360
atagaccct 369

<210> 34520
<211> 162
<212> DNA

<213> Homo sapiens

<400> 34520

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atgggg	ta	tagagg	caccac			162

<210> 34521

<211> 414

<212> DNA

<213> Homo sapiens

<400> 34521

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cactgt	catgtg	cctgccc	tgagcag	agttcat	ataccct	180
gggagt	cgcacc	atgtccc	cttccct	tgaggct	tggtcc	240
ctgagt	ccacct	gtcagg	gtgggat	gcctcag	ggctcct	300
cttcca	aagggc	ctgcaga	gacagcg	cccagag	gctgga	360
aagctt	gcac	attctag	gccattt	gattctt	tcacatg	414

<210> 34522

<211> 241

<212> DNA

<213> Homo sapiens

<400> 34522

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tacatt	ccaac	aaaagt	ctatttc	tatctct	cagcatc	120
catttt	cttttt	attctg	gcgtgag	gtatctc	gtggttt	180
tttgcat	tccaag	agtgat	agcttga	ctttctt	tggtggc	240
t						241

<210> 34523

<211> 237

<212> DNA

<213> Homo sapiens

<400> 34523

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tggtga	ttcttg	atgtcag	ttccaag	acacgtt	catcca	120
ttgaata	tcgtgg	gtggtat	agacagt	ggctctg	tcaaaa	180
ttagtct	atcctg	ccctatg	ttaacct	gcctccc	ta	237

<210> 34524

<211> 225

<212> DNA

<213> Homo sapiens

<400> 34524

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tgcccg	ccctcg	ccttcatt	acccaag	gcttctt	ttcccc	120
cttccc	tttctg	aacagctt	ggcgggg	ctcgga	ctcagac	180
aaacaga	agagaaa	aaggacaa	tcgatac	cgatc		225

<210> 34525

<211> 126

<212> DNA

<213> Homo sapiens

<400> 34525

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gccagcttt	ggtatctacc	aggaagaagg	ggctcccctc	ccctcccttc	ctcttcctc	120
cccatc						126

<210> 34526

<211> 211

<212> DNA

<213> Homo sapiens

<400> 34526

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tttgtggtgt	gtgtgtggtg	tgaamtgggt	ttttgtcttg	aagaagcatg	ggtcaggcaa	120
aaataagccc	acccactag	gaactatgtt	aaaaaaaaata	aaaatttcaa	gaaagaattt	180
aaggagatt	acgatgttac	tgtgacacca	a			211

<210> 34527

<211> 210

<212> DNA

<213> Homo sapiens

<400> 34527

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ccgccgttt	cctcctccan	ctcttytcct	ccgcctcmgc	cggcgcgatg	gnnnacgmct	120
gacggacagc	gagaagcgga	aswgatcagc	gtgcgcggcc	tggcggggct	aggcgacgtg	180
gcmgaggtgc	ggaasakett	caaccgacaa				210

<210> 34528

<211> 347

<212> DNA

<213> Homo sapiens

<400> 34528

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ctgcccctgt	aaattggaga	taagtacgtc	tgcttaccta	aacattcttc	agvsggkttt	120
tgscacrgtc	accttcagct	atgcataata	gagaattatg	gaatttttaa	gggctctaca	180
aatagaaccc	cctctgcatg	agctctccac	tccttagtaa	ggaccaggat	ttgtgggaac	240
cacagtcaat	aggttgact	acagctgaca	acacaatcaa	ctgacagaaa	ccattactga	300
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<210> 34529

<211> 359

<212> DNA

<213> Homo sapiens

<400> 34529

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gatttccccg	ccttgattct	ccccacttcc	caatacaggc	gtctggctcc	gcagcagaac	120

acgaagtttg cattccccaa ggggcggccg gggggcgagc cagggaaagt ccgccccagg 180
 tcagcgactt acaactcttc attctgaagt gcgtgtagt cccttgtctc cagagacgca 240
 gagagtcttc gagggccctt gagctaagt cagcctggcc cagtttctcc tgccctactc 300
 tactccccct cctataagcg acccaccctc aaggggcgga gggcgcgtag ggatgcgct 359

<210> 34530

<211> 281

<212> DNA

<213> Homo sapiens

<400> 34530

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 ctacggaaag ccagaggaga ccaggattac cgctgccgct ggatgcgtcc agggccggga 180
 tgcgcgaccg tgagacgctg cgcttccgaa gccctcgag gcttccgggt gccagagcag 240
 gagacatacc ctctgtccag ccttccactc tcagcccccg c 281

<210> 34531

<211> 366

<212> DNA

<213> Homo sapiens

<400> 34531

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 caattcaccg gtattaccag tttattatgt aaacaagaga tttggcatga catgttctgt 120
 atgtttcagg gaaaaatgtc tttaatgctt tttcaagaac taacacagtt attcctatac 180
 tggatttttag gtctctgaag aactgctggt gtttaggaat aagaatgtgc atgaagccta 240
 aaataccaag aaagcttata ctgaatttaa gcaaagaaat aaaggagaaa agagaagaat 300
 ctgagaattg gggaggcata gattcttata aaaatcacia aatttgttgt aaattagagg 360
 ggagcg 366

<210> 34532

<211> 223

<212> DNA

<213> Homo sapiens

<400> 34532

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 tccggccgag acaggacnng tgctgatggc agagattggt gaggatttgg ataaatctga 180
 tgtgtcctca ttaattttcc tcatgaagga ttacatgagc cga 223

<210> 34533

<211> 243

<212> DNA

<213> Homo sapiens

<400> 34533

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 atttgaaaaa aaaaatctat agatctaatt gatacaattg tagaacaaaa tgtcaaaata 120
 atgttttaag tataagagaa gatggaccaa ggagagagag atcatttgaa aatctaattg 180
 tagcttttct aggtcacat tcatgtacta ctttttagcac ccttatgggc tgtgctcgcc 240
 ccc 243

<210> 34534
 <211> 149
 <212> DNA
 <213> Homo sapiens

<400> 34534
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 agttttgtgt tttcagaaga tagaaatatt catgtatatc acagtagaac ttaaatgcag 120
 tgtgatttaa aacatctcat ttgtttctgc 149

<210> 34535
 <211> 141
 <212> DNA
 <213> Homo sapiens

<400> 34535
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 aaaaactgaa taataccctt t 141

<210> 34536
 <211> 211
 <212> DNA
 <213> Homo sapiens

<400> 34536
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 tgtaatacca gcaccttaga ggtcgaggca ggcggatcac ttgaggtcag gagttcaaga 120
 mcagcctkgg ccaatatggt gaaaccagat ctctactaaa aatacaaaaa ttagctaggc 180
 atgatggcgc atgcctataa tcccagctac t 211

<210> 34537
 <211> 250
 <212> DNA
 <213> Homo sapiens

<400> 34537
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 agtgkggcgt agggrratgga aagggggaaa ggagccagat gacctaggta gagactcccc 180
 tctccccctc tagctctcca ggtcttcccc actttctctk tcctcccttt cctcttcat 240
 catgacctcc 250

<210> 34538
 <211> 213
 <212> DNA
 <213> Homo sapiens

<400> 34538
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 ggctgttttda tttagccaag atgattacca ttaggagtta ctttatgtat tgttgaaagc 180
 aaatttttaa catgatgttt tagaagtgtt tcg 213

<210> 34539
 <211> 447
 <212> DNA
 <213> Homo sapiens

<400> 34539
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 actctgggtc cagagtgagg ctttttcbag aaaaaaacia acaaaacaaac aaacaaacar 120
 acravcaaar aacctacttc agggaaatga caacaacaga aagccaccat ttgccctaaa 180
 atttttattg taaaaactat tctctcctgt ttgagtagtg agggatctag gacataaywg 240
 tggcttctct ggctttcsnn nggaatcagg gcacttggaa actcaattaa atgtacccaa 300
 gcctcttaag caccaaggct atctttttgc tcatccagtt aatttcagty tgtaaaattg 360
 gccttgtgct gacatgatgg agacgggggtg aggggtgggga agccagggtc ctctgtgagc 420
 ggatgcttgc ttctctgttc acaagct 447

<210> 34540
 <211> 399
 <212> DNA
 <213> Homo sapiens

<400> 34540
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 gtgcagggac aacggcgact atccttattt tgaacaagt gcaaaagatg ccacaaatgt 120
 tggcagcagc ctttgaggaa gcggttcgaa gagttcttgc taccgaggat aggtcagatc 180
 atttgattca gacagacaca gtcaatcttc accgaaagcc caagcctagc tcatcttctg 240
 gttgattgtt agattgttga tgcattctaa ccaactcaca catatacaca aaatcaacat 300
 ggggatggag aagagaatta gcgtttgcag cagtgtatca tctactaata aaattaaact 360
 aatgttctct cttcattagt tgggtgggaga agggacata 399

<210> 34541
 <211> 397
 <212> DNA
 <213> Homo sapiens

<400> 34541
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 cattccgtga gtccgagtmv agagaggggc ccagccgcg ggccctgcgc cctcccggga 120
 gccgggtttc cgcccctgag gcctcgggct gtgcgctcag ttaagcccgga agctgctgtt 180
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 cctcaccg gggcgattct gcgcccaggg ggacttttgg ctatagtwrg agacgggttg 300
 ggatgtcaca aaatggaggg taggagggac tgtgctacta ctgtaatcta gaggggtggag 360
 scagggatgc tagcagctca gcacccctga gcgcgta 397

<210> 34542
 <211> 136
 <212> DNA
 <213> Homo sapiens

<400> 34542
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 tagttaagtg gctgac 136

<210> 34543

<211> 382
 <212> DNA
 <213> Homo sapiens

<400> 34543
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 gtgaccagca tcctcatttg cccagggtt tgcaggtaaa ggatgcgttc ctaggatgtg 120
 agamyttaaa rgtgcctaaa atcrgaaaac tctcaggcat ttgacagga accacaagtc 180
 tgaggcccc aggaataaac tgtcatggtt agatggtaga actctgcac agagaaagg 240
 tgtgtgtgtg tgagcgtgas mgtgtgtgtg tgttgacca atatgtgcat gtgggtgtat 300
 gtgtgcgcac ctgcacccat ttgtgmwtgt gtgagtmgtg agagtttgtg tatgcatggg 360
 tgtgtgactt gttcaagtgt gt 382

<210> 34544
 <211> 95
 <212> DNA
 <213> Homo sapiens

<400> 34544
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 atgcacaggt tgcttctctc tctctctctc ttttt 95

<210> 34545
 <211> 264
 <212> DNA
 <213> Homo sapiens

<400> 34545
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 tctggtctct ctggtggcta caaccccaga gttttaagga cttggaaagg raagcacaat 120
 cagagragga aaacagcccc cgaaccagca ggagtggcct ggcacatgga ccggcctgag 180
 cgatgtgcac tccacccaag ccaggctccc agggggcctg atttctctct cactgtctct 240
 ttttttaaaa tggttgcacg gcc 264

<210> 34546
 <211> 232
 <212> DNA
 <213> Homo sapiens

<400> 34546
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 caaacattta gaaaaaaaaa aataatctta aaacattctt ccataaaaaac agaggtagag 120
 aaagcgcttc tcaatttact ttgtgaggcc atcaaaaactg tcatataaaa tctgatgaac 180
 acatcaaaac aaagaaaatt aaacatcaat atccatcatg aatgggggca cc 232

<210> 34547
 <211> 217
 <212> DNA
 <213> Homo sapiens

<400> 34547
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 agataaaagg caaaaatgtc agcaaaacact aatttcatgt tataagattc agaaagggtg 120
 agcaaaaagta aaccaagcaa acacaaaaca gaaaatgagt tgtagtctgc atatcaggca 180

aggttgaact tagggaaaag gaaccggaaa aaaaaaa

217

<210> 34548

<211> 230

<212> DNA

<213> Homo sapiens

<400> 34548

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acaaagtgcg	gagaggagcc	ccgctctgga	tcccgccggc	tccccaaggc	tgaaggagac	120
aagtctggat	cgcaggagcc	cccagtaaga	acagcagccg	cctggggggc	cgaccatgta	180
tgtgtacagc	tggccgccgc	ccaaacaggg	cgtctggccg	ccgccgccac		230

<210> 34549

<211> 302

<212> DNA

<213> Homo sapiens

<400> 34549

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atttcttccc	tccctctccc	tccacttgct	ttgcctggag	ttacactgat	ggtcgacggg	120
tgrwgggatt	ttctacccta	gcaaggatgg	tacgaagatt	ccaatgttca	ttgtgcataa	180
aaaaggcata	aaattggatg	gctctcatcc	agctttctta	tatggctatg	gcggcttcaa	240
catatccatc	acaccaact	acagtgtttc	caggcttatt	tttgtgagac	acatgggtgg	300
ta						302

<210> 34550

<211> 235

<212> DNA

<213> Homo sapiens

<400> 34550

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cggtccctt	ctcggtcccc	gggtaccctg	gagcgctcca	gtttggrcaa	actgggaaag	120
gaagctgctg	gccagagcta	tcgtgcacgg	gcaaaacaag	ccccgccggg	gctcgggatt	180
gcccaggacc	ttctggagcc	cctahctcgg	agccgaggga	ggagaaagcg	gcagt	235

<210> 34551

<211> 432

<212> DNA

<213> Homo sapiens

<400> 34551

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atggtgactt	aatcttggac	tcccagcctc	cagaactttc	taaggcacat	tacaaaaaat	120
krrgaggaag	aaagtgtgca	gttctgttct	gacaggcctc	tgctactgaa	cagtgggatt	180
cttcttcaca	tcaaatcaca	ggcgcagaag	acttgcata	cctgggggtac	caaattcttca	240
gaatcttgac	ttaagaaagt	cagaattgga	aacagagctg	ctacaatggc	aatgacgagc	300
tgctcagctc	ctgaaacaaa	ttttctttgt	cctasagcaa	cggatctgca	aattaatttt	360
ctttctttgc	tggaatctgt	tacottgcat	ccactcatgg	gcagtcacct	agaggcttcc	420
ccaccahcg	ca					432

<210> 34552

<211> 106

<212> DNA
 <213> Homo sapiens

<400> 34552
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 ccaccactac cagaagagcc atgtcattaa aaaaaaaaaa aaaaaa 106

<210> 34553
 <211> 250
 <212> DNA
 <213> Homo sapiens

<400> 34553
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 gctctttgtg gtgttttatt ttactcacct ggaagtaagt ccaatcacag gaaggagcaa 120
 gctactatta ttggggaaaag aacagttcag acttttatcg gaactggaat atgaagcatg 180
 gatggaagaa ttaaaaaatga tatgctaact gagaaagatg cccgatacct ggctgttaaa 240
 gaagtgcctt 250

<210> 34554
 <211> 346
 <212> DNA
 <213> Homo sapiens

<400> 34554
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 cttagcctta gtagaaaaac ctggttttagt ggtttaagcc ttgtgtggca gatagatctt 180
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 atagagaaaat ggggtkagcc atagaggtta aaactacctg gttatcccat ataataacac 300
 aaactgggtc ttggatacac agttgtattt aatgttttac gatcta 346

<210> 34555
 <211> 78
 <212> DNA
 <213> Homo sapiens

<400> 34555
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 cgggcctgcg ctgcct 78

<210> 34556
 <211> 163
 <212> DNA
 <213> Homo sapiens

<400> 34556
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 catgtgtaaa aatttcttct tggttaagtta ccattaaaat atatctgggtg tgcaaatttt 120
 gataawtwat tgaaaataaa atgtgaaatc ttattgggca taa 163

<210> 34557
 <211> 170
 <212> DNA

<213> Homo sapiens

<400> 34557

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cttgggaaga	caaggtgggt	ggatcgcttg	agcccaggag	tttgagacca	gcctgggtaa	120
catamcmaaa	atcckgtctc	tacaaaaaac	aaacaaacaa	aacccaaact		170

<210> 34558

<211> 175

<212> DNA

<213> Homo sapiens

<400> 34558

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tcaaacggtt	tgtgggactc	ccctttgatt	tgagtctctg	ctgctagcag	ctgcg	175

<210> 34559

<211> 137

<212> DNA

<213> Homo sapiens

<400> 34559

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ttttcatata	tgcctattgt	ttttgcacct	gagctacagc	ctggagctgg	taaggcaagc	120
agttgaaaaa	ggmcaaa					137

<210> 34560

<211> 200

<212> DNA

<213> Homo sapiens

<400> 34560

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atttatatgt	atgatagatt	tttaaaaaat	ttcagccttg	atttttgata	caggaagtac	120
atgtgaagga	ttgttacatg	catatattac	accagatag	tgaacataat	accaaatagg	180
tagtttttca	actcacaccg					200

<210> 34561

<211> 316

<212> DNA

<213> Homo sapiens

<400> 34561

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cccctgacct	aatcggttat	gttatctaca	gattacagac	attgtataga	aatgcactgt	120
gaaaatccct	atcctgtttt	tgttctaata	taactaccgg	tgcatgcagc	ccccagtcac	180
gtacccccctg	cttgctcaat	caatcatgac	cctctcacac	acatccccctt	agagttgtga	240
accttttaaaa	gggacaggaa	ttgctcactt	ggggagctca	gctcttgaga	caggagtctt	300
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<210> 34562

<211> 380

<212> DNA

<213> Homo sapiens

<400> 34562

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gggctacaag	ggtcttttgc	ggtcgaccct	gcggggaacc	ggtgggaaaa	ctgaggtccc	120
taaacacaga	ttcggassgc	cctcttccag	ttggcagctg	gatgccagcc	agagctatgc	180
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cgggtcacgg	tcgacttcca	ggggtctcca	cagccacgaa	ggttggggcc	cgcccttcctg	300
gagcgagtaa	tccatccatc	ccgtgaatac	ttgccaggca	cattgctagg	tgctggagag	360
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<210> 34563

<211> 452

<212> DNA

<213> Homo sapiens

<400> 34563

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taagattagr	tgggcmaagt	aaatttcagc	ctggggccctg	acagagtgat	catgaatttc	180
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attaccacgt	ctcattcata	taaacaagac	agtggtcatt	aggagaaggg	mmacaaacca	300
tgtaatggg	gcagaaagga	ctacattttt	acagctgtga	cttaagtggg	gagaagcatt	360
tgttgtgcat	ctaacctctc	gcbhggagct	tcacagagat	tacttacatt	gaatcctttc	420
agttgccatg	tcgtcctatg	ttagagaata	gt			452

<210> 34564

<211> 108

<212> DNA

<213> Homo sapiens

<400> 34564

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gacagacggg	tctgggtgtg	caagcgcaga	ggactttaga	gatgaaca		108

<210> 34565

<211> 420

<212> DNA

<213> Homo sapiens

<400> 34565

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attctgkttt	caagatcttt	ttgagtcctg	atagcattta	tactagtact	taatatattt	180
atttaaattg	attcactctt	ttctttgttt	aataagaaga	cgttgggtact	acacagacat	240
aaaaagaaga	tacatatata	ttaaaatgar	atataatctgt	ttaaagtgtaa	catttgatcat	300
acatcccgtg	tttattttcaa	gcattttttc	tctgctagct	tacattttatt	tccagctctt	360
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<210> 34566

<211> 66

<212> DNA

<213> Homo sapiens

<400> 34566
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ttypct 66

<210> 34567
<211> 63
<212> DNA
<213> Homo sapiens

<400> 34567
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gac 63

<210> 34568
<211> 381
<212> DNA
<213> Homo sapiens

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agcctcagcc ctgtatttgt catcgctcggg ttcgtgaccc tcattcatatt taagcgggag 180
ctgcacacga tctccttctt tggggggcctg gcaactgaac aggggggtcaa ctggctgac 240
aaaaacgtca tccaggagcc ayggccctgt ggaggccccc acacagcagt gggcaccaag 300
tacgggatgc cctccagcca ttcccagttt atgtggttct tctccgtcta ttccttctt 360
ttcctgtatt taagaatgca c 381

<210> 34569
<211> 204
<212> DNA
<213> Homo sapiens

<400> 34569
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ctgaatggac ccctcctcta ggccaacgtc attcccaaaa ttaacctgaa aaatgagttc 120
agaccatgat gagaaggaga ggtaagacat gcttcattat accctcctct tttttggaat 180
tcaggaaaag cttaccagcg ccaa 204

<210> 34570
<211> 383
<212> DNA
<213> Homo sapiens

<400> 34570
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tgtccagggt gaaaaataat gtgctgatgc tagagtccct ctctgtccat actctacttc 120
taaatacata taggcataca tagcaagttt tatttgactt gtactttaag agaaaaatag 180
tccaccatcc acatgatgca caaatgagct aacattgagc ttcaagtagc ttctaagtgt 240
ttgtttcatt aggacagca cagatgtggc ctttccccc ttctctccct tgatatctgg 300
cagggcataa aggcgcaggc cacttcctct gcccttccc agccctgcac caaagctgca 360
tttcaggaga ctctctccag aca 383

<210> 34571
<211> 227

<212> DNA
<213> Homo sapiens

<400> 34571
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ggagcctcac agacccccgt ctgccacag tgaggccgctc tgggagaaca tggcgcgcat 120
gtgcggtgaag acccagcggc tggacgtggc cnaggtgtgc ctggggaaca tgggccatgc 180
ccgcggggcc cgagcgctgc gtgaggcgga saggagccgg agctatg 227

<210> 34572
<211> 77
<212> DNA
<213> Homo sapiens

<400> 34572
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tcacatgtcc tcattctt 77

<210> 34573
<211> 164
<212> DNA
<213> Homo sapiens

<400> 34573
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ccctcaaagg cgtgtgcgctc agagacacgg acgtgttctg cacggaaaac tatctgaagg 120
tcaactyhcc tccattttta tttgaggcat ttctttatgc tccc 164

<210> 34574
<211> 60
<212> DNA
<213> Homo sapiens

<400> 34574
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<210> 34575
<211> 330
<212> DNA
<213> Homo sapiens

<400> 34575
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rttttatatt catcctaggt gttgtaaata tgattgtgtt cttaatttaa ctctcaacct 180
ggatgttgtt gttgtataga aatgctacta attgttgtac attgattttg tatcctgaaa 240
ccttgctaaa atcctttatc atttctagta gacttttgk gaagtcttka aggtktttta 300
ggtatagaag gatattgttg ggtgaagaca 330

<210> 34576
<211> 95
<212> DNA
<213> Homo sapiens

<400> 34576
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 ctttatcatg ttgctagaa atgttactaa aaaac 95

<210> 34577
 <211> 55
 <212> DNA
 <213> Homo sapiens

<400> 34577
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<210> 34578
 <211> 324
 <212> DNA
 <213> Homo sapiens

<400> 34578
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 tgcacctggt attggcatct gggccaccag ggggctaggg tgggcatctc tgcccaagcc 120
 caggccctgg catggcaagg gcaaggcttc atctgtggtg tgccccaacc tctcccttcc 180
 cctaagttcc cccaagggtt ccaagattcc tgcttccact cccagagct ggagtggggg 240
 aacaagcctc gccttcggta cttgtgtccc cagatggggc aagggacttc ggaggaaccg 300
 gtttaatgcc ctccccccca cccc 324

<210> 34579
 <211> 342
 <212> DNA
 <213> Homo sapiens

<400> 34579
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 tgggaaacag tgcaatgggt tcttttcaac caagtattaa agtattggag atattgccgg 180
 ggcggttggt tcacgtctgt aatcctagcg ctttgggagg ccaaggcggg cgggtcatga 240
 ggtcaggagt tcaaggccag cctgaccaac atggcagagc tccgtctcta ctaaaaatac 300
 aaaaattagc caggcacggt gggacgcacc tttaatccca gc 342

<210> 34580
 <211> 119
 <212> DNA
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<400> 34580
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<210> 34581
 <211> 393
 <212> DNA
 <213> Homo sapiens

<400> 34581
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actcctccag	ctgaggacag	aggtggaaac	tcagcaggtg	atgaggaatt	taaatccacc	120
ttcatcaaac	tgggaggtgg	aaaagttgag	ctgtgacctg	aagatccatg	gtttggaaca	180
agagctggaa	ctgatgagga	aagaatgtag	cgatctcaaa	atagaactac	agaaagccaa	240
acaaacggat	ccatatcagg	aagacaatct	gaagagcaga	gatctccaaa	aactaagcat	300
ttcaagtgat	aatatgcagc	atgcatactg	ggaactgaag	agasraatgt	ctaatttaca	360
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<210> 34582

<211> 144

<212> DNA

<213> Homo sapiens

<400> 34582

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aagtgccata	aggtgcccaag	acaaaatttt	gtattttgtt	gttttgggaa	ggagagttct	120
gtagacatct	atcaggtcca	cagt				144

<210> 34583

<211> 324

<212> DNA

<213> Homo sapiens

<400> 34583

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gcgcaaccct	aggaactctc	ggcaaaaaaa	agagcatgag	gaatttgaag	actgagagat	120
gagttgtgta	gcaccaacat	tttctttctg	cctgaccttc	atacctgatg	aattaaaagg	180
gcaataatta	aggtggaatt	tgcttcacat	gaagttttat	tatttttagtt	attaaaatag	240
tttccaacac	tactgagaag	caaaaagcaa	ttctcgttgt	tttaagaaca	taggatgttt	300
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<210> 34584

<211> 138

<212> DNA

<213> Homo sapiens

<400> 34584

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gagaggactt	tacatgaaat	cagtatgaaa	atagtttttt	agatacccag	aagcttgttc	120
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<210> 34585

<211> 188

<212> DNA

<213> Homo sapiens

<400> 34585

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gaagacagca	ggcggtgggc	attcactgtg	ctggtkggga	agtctggttm	cattaagama	120
ggmattctag	caaagttatt	ctgtaaatac	aacagaatca	gytgcttttg	ttaaatatat	180
tggtgcag						188

<210> 34586

<211> 118

<212> DNA

<213> Homo sapiens

<400> 34586

tccactgaaa tcttttccag ctctaagatt ttaaattgtc ctttttagatt agacttgctg	60
agtttaattc agattaccta attttaaaat gtttctgaaa aagtgaacag agttacct	118

<210> 34587

<211> 307

<212> DNA

<213> Homo sapiens

<400> 34587

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tcttgccact gctcactctt tgggtccaca mtgcttttat gagctgtaac actcaccgcg	120
aagggtccgca gcttcactsc tgaagccagc gagaccacga gcctactggg aggaacgaac	180
aactcccgac gcgcgcctt aagagctgta acactcaccg cgaaggtctg cagcttcact	240
cctgagccag cgagaccacg aaccaccag aaggaaaaaa ctccgracac atctgaacat	300
cagaagc	307

<210> 34588

<211> 290

<212> DNA

<213> Homo sapiens

<400> 34588

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ctgagatcta aattttttcc atttggtatt atttcccttc agcctgaaga actttctcta	120
ttgtttatta tagggtagggt ctgctggtga ttaactttct tagctttcat ttagccgaaa	180
acttcttgaa tttgccttca ttttggttgc gagtatgtag tattctagggt tgacagcttc	240
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<210> 34589

<211> 379

<212> DNA

<213> Homo sapiens

<400> 34589

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tctaaaatat tttctactgg cttcaaccag ttgtcacagc atgtctgcaa tggaagtgtt	180
tttcttacat aaaaattatt cagcacactt attctgaggg aactataacc tctggaaaaa	240
caacagtttc taaatgaggg cattcttagt cactatgact gttgctactt tctgtagtat	300
tatcacaaat tttaatagaa ttgcatgtta cttgcaaaat tatttcagta tgaaaaatga	360
tcttacaatt aagtgttaa	379

<210> 34590

<211> 363

<212> DNA

<213> Homo sapiens

<400> 34590

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atgctagtca wngccctaag aacaatttca gatgttcatt taaatttatt aaattgtagc	120
aaataatart grhagtcacc atrrtttaac atccaccatg agtatatctt gaaaagacag	180

actaattcat cagctacaac rgcaggcata aactgggatt gtcctgggca acaaacttgc 240
 cttgtgggtca ccctacttaa tggccatttg ttactagatt ttgtcattta gactcataca 300
 acagtttctt aaacgttgtc cagcttttta tcacagagat agcttagatc tatgtctcta 360
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<210> 34591

<211> 440

<212> DNA

<213> Homo sapiens

<400> 34591

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 ccgatcttgt tcttctccag gttingacacc taatttgcac atcaggactg ccatggacca 180
 tgggtgcaatg aaggtgaaga ctggagcact catcaccac ggggtctcact ttgttgccca 240
 ggctggagta tagtgccctg atcacagctt gctgcaacct caagctccca tgctcaagca 300
 agcttcctgc ctcaacttcc caagtagctg agaccacagg catgctccat gacacctgaa 360
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<210> 34592

<211> 345

<212> DNA

<213> Homo sapiens

<400> 34592

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 dggccttatg ccagakagga tagaaagccc aacagaaaact caagatagaa gatggagaat 180
 ctgagagtgt ctgtctcctg tcaagcttcc ctaatacggc cctggtagaa cttcatcaac 240
 agtgggaaggc atttgcaaag gtgawcccaa accagcacc ctttccacac agdhwgtcca 300
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<210> 34593

<211> 163

<212> DNA

<213> Homo sapiens

<400> 34593

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 ggcgctcagg cctgggaccc ggccgcccgc ccgctgctc acctgyaagg aggggcctcc 120
 cagaaactcc cttccccagt gccagccgc yccacccgc cac 163

<210> 34594

<211> 181

<212> DNA

<213> Homo sapiens

<400> 34594

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 aaatcctccc tgaaagatga atatcagtac agtttttggg atctgtttcg ttcaaaagac 120
 aacatgcgga cccgaataat gataggacta acactagtat tttttgtaca aatcactggc 180
 c 181

<210> 34595
<211> 359
<212> DNA
<213> Homo sapiens

<400> 34595
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cgcgcasctc tgcagcttac tcctgcttcg gaaggcggcg aggttccacc cccaccaccc 180
cgggtccccg cgccctcttc gcgctgaagc tgcggagggt ctttttcttc agccccaaa 240
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cctcaaactt ctccctcach tgttttgcgt atgacggaca caggggcctc acagrtca 359

<210> 34596
<211> 105
<212> DNA
<213> Homo sapiens

<400> 34596
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attagctatt tatactgggc tctacctsca accctcaccc cccaa 105

<210> 34597
<211> 232
<212> DNA
<213> Homo sapiens

<400> 34597
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actaataact ggagtaagct acaggatcta aagcaccccc tttttacagt ctagttagga 120
gagagaaaat aattgcaaat atccacttag aggcaaagaa caatttttta ttatcaaaaa 180
ggtttctgca cattgttgtg gcaatatatt atctgtttag aaaatgggct tt 232

<210> 34598
<211> 372
<212> DNA
<213> Homo sapiens

<400> 34598
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aagtacagca tcaaaaactt ggtgatgtga aggtggaaca gcagaaagga ttgacaatcc 180
agaagaaaac tcaagtgaat ttccagtcac ctttaaggaa gaaagtaaatt ttgaattgtc 240
cttggaaca agtgtgactt acaggagcag cggcgtgtag acccagatgt ggctcagcac 300
tgggccaagt cagagaaggt gaagctgtgg baggtgtcag tggcggaccg gcgctccctc 360
ctggagccct tt 372

<210> 34599
<211> 256
<212> DNA
<213> Homo sapiens

<400> 34599
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ccctacccag gatctccacc ctggggacag tagaagggga aagccttcat cttggcgaac 240
ggccccacca cccgc 256

<210> 34600
<211> 253
<212> DNA
<213> Homo sapiens

<400> 34600
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aagagcccat cakttaagaa gtttgaagag gaaggaaacc cttactattc cagcgcaagg 180
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agtgcagccc tca 253

<210> 34601
<211> 320
<212> DNA
<213> Homo sapiens

<400> 34601
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gattcaaaag actctcaagc tataatttac atcttaggaa aagcctgaat aggtagctct 240
catttttcac aaaatttttt cttacctgtc gataataata ttaacaatga atctgcctgt 300
tcaagatggc tgacagagca 320

<210> 34602
<211> 105
<212> DNA
<213> Homo sapiens

<400> 34602
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acaacgaacc cactgggaga aacaaacaac tccagacgca cctcc 105

<210> 34603
<211> 359
<212> DNA
<213> Homo sapiens

<400> 34603
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agcggccctg tagtggtgag ggcgaaactc tggccccaga taggaccggg aactagatca 120
aacctasctg gattcttgag aaccattcat gtgaattatt tggaactgga atttcacaca 180
gacccgggga atttctcaaa gttcaagacg ggtcatattc cgtggaatac ggaaggagtt 240
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<210> 34604
<211> 135

<212> DNA

<213> Homo sapiens

<400> 34604

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ttttcccca gctat	135

<210> 34605

<211> 364

<212> DNA

<213> Homo sapiens

<400> 34605

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tggcactttt ctataacvtt ttcatctctg tgtacagtag cttaaaattg cagtgttgga	180
gcataacctt cttgtttgta taaattattg aaatccattt gcaccctgtt aagaatggac	240
ttaaaagtac tgctggacag gcatgtgtgc tcaaagtaca ttgattgctc aaatataagg	300
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<210> 34606

<211> 198

<212> DNA

<213> Homo sapiens

<400> 34606

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gatgttttagg ttacaagttt atatatratg tctgtgtctg tgtaagatt agggattgt	120
gaggtgagtc tcggaactca attctttctg ttattttggc tagacnctt ggaagtagtg	180
tgctatagaa aggcctat	198

<210> 34607

<211> 302

<212> DNA

<213> Homo sapiens

<400> 34607

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atagtag	gaatggatgt	tgaaatcttt	180
aatcagg	aaaatcaggc	caaaaatcag	240
tggtttt	gtgtgtctat	ctttgctagc	300
cc			302

<210> 34608

<211> 124

<212> DNA

<213> Homo sapiens

<400> 34608

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agttcaaggg tttagaaaaa cagagcattg ccaamcccaa gaaaattcga aacacaatgg	120

gaac

124

<210> 34609
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 <212> DNA
 <213> Homo sapiens

<400> 34609
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 t 61

<210> 34610
 <211> 73
 <212> DNA
 <213> Homo sapiens

<400> 34610
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 ccctgggtgtg tga 73

<210> 34611
 <211> 169
 <212> DNA
 <213> Homo sapiens

<400> 34611
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 ggcagcattt ctggaatcct cctaaccatt gttcactgct tgtagcagag taggtgggcc 120
 ccagggttag tgacaagtcc tttcctgccc ttcccaacac ccagcccta 169

<210> 34612
 <211> 448
 <212> DNA
 <213> Homo sapiens

<400> 34612
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 gcaacatccc ctgtttaata gcagcaggaa gtcacatttt tggcagtacc tgccagactc 120
 acttctaagt gcttcgtgta tacgcatcca ctgggtcctt cagccacccc aggaggttgg 180
 caccgttggt atccctgttt ctagaggagg aaatgtgggc aggttcagag agaggataag 240
 tcaactttctg aagtgatcca tctggatatg gtagaatggg cttttcacia agctggcttg 300
 gccccagcat ctacactctt gactacctcg ccagcctgcc ccagcagcag gtgttacggg 360
 agaccacgcc catctctgtc tgggagttga gcagcagggtg atgcacagtt cttaaaagta 420
 gccataatca ggatcataag cttcgtta 448

<210> 34613
 <211> 102
 <212> DNA
 <213> Homo sapiens

<400> 34613
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 cacgcggcgg ahnctaacac caccgccca cacacaacat ac 102

<210> 34614
<211> 250
<212> DNA
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gkccgttcaa ctaccagcaa aggctaaaga gaggtggag cccccaggac agccagaacg 180
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<211> 168
<212> DNA
<213> Homo sapiens

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<211> 364
<212> DNA
<213> Homo sapiens

<400> 34616
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gcctcacgrg tagctgggac tacaagcctg cgccaccaca cctggctaatt ttggtattt 180
ttactagagg cgggtttcgc tatgttggtc aggtctggtc tgaactcctg acctcaagtg 240
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taatataatt atcttgtccc tgtagacatt tctaaattct atkthbatta gacctcagcc 360
tcaa 364

<210> 34617
<211> 318
<212> DNA
<213> Homo sapiens

<400> 34617
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gccccctgct gagcggcacc cctgccctgc cctccacaga attgggttcc aagggtgtt 180
ccagacaact gccaacgtca ctgagggccc tgccccagcg gccctggccc caggctctat 240
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acgccccca tgccaca 318

<210> 34618
<211> 409
<212> DNA
<213> Homo sapiens

<400> 34618

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awgggagrag	tctttgttgg	cctagctgat	gttcctgtgg	tacaggaagc	atgctaaccg	180
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ccagggtata	tattgagcca	agaatcttag	gtgactgtta	ttagaagcat	ttatagaccc	300
tgttttgttg	aattgcttca	gagactactc	ccatccgtag	tggaacttad	agtaattttg	360
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<210> 34619

<211> 180

<212> DNA

<213> Homo sapiens

<400> 34619

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<210> 34620

<211> 452

<212> DNA

<213> Homo sapiens

<400> 34620

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tttgaggttt	ttaaaagcgt	cgcggggtaa	agtcagtgtt	gtgcttttcc	ttttctcagc	180
aggggtgacc	ctggagatca	ttaccaaaat	ttaaaaattt	caccactggg	cacacatggt	240
acccttctcg	tgatggcatg	gcaaagcttg	atttgcaaga	gtttcttttg	gattgtcccc	300
agtgattccc	tttaaaaaata	ggagctcctt	caagctcctg	tatcagcagt	gcttgccact	360
cataggtgat	gatcatgagg	gggacaagga	gcctctagac	ttaagagaca	agttgccagc	420
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<210> 34621

<211> 259

<212> DNA

<213> Homo sapiens

<400> 34621

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gtacagtgga	atggccaacc	acatgtggaa	actaaatcat	tccctccac	ataaagggtta	180
tccttgcaaa	atgtgaactc	caaggtaccg	aagagcatct	ttccctcgca	ccatctgctg	240
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<210> 34622

<211> 59

<212> DNA

<213> Homo sapiens

<400> 34622

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<210> 34623

<211> 57

<212> DNA

<213> Homo sapiens

<400> 34623

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<210> 34624

<211> 221

<212> DNA

<213> Homo sapiens

<400> 34624

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tggctgragr agrttttaag gacggmggac cgcatsggcg cgaattgagc tctgggcccc 180
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<210> 34625

<211> 284

<212> DNA

<213> Homo sapiens

<400> 34625

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ttaaaccas caagtatagc agtatttggt cagagcactt tactccagac tgctttaaga 180
gagagtgcaa caacaagtta ctgaaagaga atgctgtgcc cacaatattt ctttgtactg 240
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<210> 34626

<211> 163

<212> DNA

<213> Homo sapiens

<400> 34626

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agaatcgctt gaacctagga ggtggagatt gcattcaact gagatcatat cacttcattc 120
cagcctgggt gacagagcaa gactctgtct caaaaaaaaa aaa 163

<210> 34627

<211> 90

<212> DNA

<213> Homo sapiens

<400> 34627

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gtcgcccagg ctgvagtga atsgcacgat 90

<210> 34628

<211> 92

<212> DNA

<213> Homo sapiens

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<400> 34628
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cctgctctgs nncacggcag gcacacaaca ta 92

<210> 34629
<211> 474
<212> DNA
<213> Homo sapiens

<400> 34629
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ctggcgggtca cgggtgcgkct cattgccggc aatggaagtg tgccgggaaa tcccaactcc 180
cggcgtcaag ggattaaaag caataaaaac aataatttca ctaaaattct tttgtgtaac 240
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agactctacg gagttggcag cacagatgaa tgaaagtgtt gacgtcatgg atgtcatcgc 360
tatttgctgt ccaaagtaca angatcgacc acaaattgca agagtagtgc agaaaaccag 420
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<210> 34630
<211> 236
<212> DNA
<213> Homo sapiens

<400> 34630
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ggcacatctt ggsctgkgct cgcctgagca tccgccggg cctgagcgag gctgtgctgc 180
agcaagttct ggagctcctg gaggaccaga gtgacattgt cagcacaatg gagctc 236

<210> 34631
<211> 195
<212> DNA
<213> Homo sapiens

<400> 34631
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aggttgaaac tttgtttgga agtctgaaaa gttctgattt ttacaaaggc ttatggtctg 120
agaaggcagt aatacctgac agaraatact taatatttta tacaataaac atttaattgtg 180
ttaaacttgt gccaa 195

<210> 34632
<211> 84
<212> DNA
<213> Homo sapiens

<400> 34632
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attattcttc tgtagttagc aaac 84

<210> 34633
<211> 226
<212> DNA

<213> Homo sapiens

<400> 34633

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tggctgtgga	ccaccvtagc	acggccacct	ctcagggcma	ctggcaggcc	ttcctgagtt	180
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<210> 34634

<211> 371

<212> DNA

<213> Homo sapiens

<400> 34634

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aataatctgg	tggttatgac	ttgacacata	caaaaaatgt	tagtggttgc	agtccatctg	180
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tcaagcaatt	ctcctgcctc	agcctcctga	gtagctggga	ttacaggcat	gcaccatcat	360
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<210> 34635

<211> 125

<212> DNA

<213> Homo sapiens

<400> 34635

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tcggt						125

<210> 34636

<211> 117

<212> DNA

<213> Homo sapiens

<400> 34636

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cccagttgtg	cagccaccat	cacagtcaat	tttaaaacat	tttcatcacc	ccaaacc	117

<210> 34637

<211> 451

<212> DNA

<213> Homo sapiens

<400> 34637

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ttgaataatt	gtagagactg	gaaaatctca	aattgatatc	cttatataaa	atcctgcctc	180
agctcattag	ttcagaaaag	aatccaaaag	ttcagttctc	tgagttgctt	caacacataa	240
gtatattagt	tttatgaaag	atTTTTTTTT	tatttcataa	aaccttaata	cttctgccag	300
aatcagaagt	gcattgtgct	ctggtacaat	ttacatgaac	tttggttccc	accacctggt	360
agctgcgtag	gttttgccaa	ttaagctctt	tgagactcag	ctcttaaatt	caattataag	420

accagaatct tgctgttttt tctatacatc c

451

<210> 34638

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<212> DNA

<213> Homo sapiens

<400> 34638

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cagcacctcc	atcccccgtc	cagtctcagt	caccgtctac	aaactggtca	ccagctgtac	180
cggtcacaaa	ggccaaaagc	ccaacaccga	gcccatcacc	gccaagaaat	tcagatcagg	240
aaggaggtgg	aaagaaaaag	aagaaaaaga	aggacaagaa	acacaaaaag	gataagaagc	300
acaagaagca	caaaaaacac	aagaaggaaa	aggctgtggc	tcagctgtct	gcagctgtctg	360
tgaccctctg	agccattgca	gctgccacaa	ccacattagc	acaggaagag	ccagtggcag	420
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<210> 34639

<211> 339

<212> DNA

<213> Homo sapiens

<400> 34639

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gcttgtcaca	gtctctactg	ttattatgca	ttacctggga	atttatatwa	agccyttaat	180
aataatgcc	atgaacatct	catgtgtgct	cacaatgttc	tggcactatt	ataagtgtct	240
cacaggtttt	atgtgttctt	cgtaacttta	tggagtaggt	accattttgtg	tctctttatt	300
ataagtgaga	gaaatgaagt	ttatattatc	aagggtgat			339

<210> 34640

<211> 212

<212> DNA

<213> Homo sapiens

<400> 34640

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gcgggagcgt	ggggtggagt	aggatggagt	ctccctcccg	agctgggggt	gtgggcctag	120
gaaaggctgc	ttcgccgctg	tgttcggaga	gctctggata	ctgcggggct	tttccgcgga	180
ggagcgccnt	ccggcatctg	catctgggac	cg			212

<210> 34641

<211> 492

<212> DNA

<213> Homo sapiens

<400> 34641

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gcattttaat	tactgtggg	aggcatcctg	accacggaca	tccataacag	caaagcacaa	180
nmcgttttgc	tctgtagtca	tatcctgaaa	cataggtgga	caaattttta	actgagagac	240
aaaaatcaca	tagttgaatt	gagcagaaca	cttaagtgtc	ttctgcatct	atttaggagt	300
ctattttctta	ccaataaact	tgacaacgnn	tttggaacac	tagtgaacac	cttacagctt	360
tcatttttgt	ttaatgtttc	aattcaagcc	ggtgtaaaaa	taattttcaa	ggcattttctg	420

tttattcttt agtaatctca ctactggcta tgtcagcaat atctttttca atctggttcc 480
 tttgtatat ga 492

<210> 34642
 <211> 313
 <212> DNA
 <213> Homo sapiens

<400> 34642
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 aagacttgat tcctaaaaat catatcagaa cacctgccag caccaaatac attcatgcta 120
 acttctcatc tggagtaggt accacagcag cttccagtaa aaatgcattt cctttgggtg 180
 ctccaactct tgtaacttca caggcaacaa cgttatctac gttccagccc gctaataaac 240
 ttaataagaa tgttccaaca aatgtacgtt cttctttccc agtttctcta cccttagctt 300
 atcctcaccg mtc 313

<210> 34643
 <211> 244
 <212> DNA
 <213> Homo sapiens

<400> 34643
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 acagtacatg aacctatttr taaaccattc atgcttccca gtttggcaga tgtgagcaaa 120
 ctatgtwawa ggaatyccaa aggtaacttt ttcctttcat tactttacag aaatactgtc 180
 aagtccaata gagagcacag acttgggagg cggattgggt gggtttgaat ctctgctctg 240
 ccac 244

<210> 34644
 <211> 187
 <212> DNA
 <213> Homo sapiens

<400> 34644
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 gcaggctcgg agcgccgcca gcgcatgcgk awttggggat ctgaggccag cgtcttgccg 180
 cgccaat 187

<210> 34645
 <211> 249
 <212> DNA
 <213> Homo sapiens

<400> 34645
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 caccamcatw awtctagawa tataggtaat gtgtaattat aatatatatg tactatataa 180
 tataggatat ttataaccacc caaaaagttt tctcttgctt tttatagtca ttccccaaac 240
 cccacgtcc 249

<210> 34646
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<213> Homo sapiens

<400> 34646

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<210> 34647

<211> 225

<212> DNA

<213> Homo sapiens

<400> 34647

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gagggaaattt aaaagtcata tcagccaccc ctgccaaatt ttacagataa aaaaactgag	120
acctgaaaat tcaagtgact tatcagaata aacagctaaa ttgggtgatag tgttgatctg	180
aaaaccagat ctcagggttca ttgtttccgt aaatatatct gagga	225

<210> 34648

<211> 154

<212> DNA

<213> Homo sapiens

<400> 34648

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acactattca caaactaaaa tctaataaaa aaccacagtt gtaatttaaa ctgcttgata	120
taaaaagagg watcatagca gggaaaacac acat	154

<210> 34649

<211> 379

<212> DNA

<213> Homo sapiens

<400> 34649

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aactctctaa tcactggtat tcaaaccctaa aatttaaatt gttgcttttc ttagcctawt	120
tcacytcccc aagtcctctg tctctatatt caaccacct tcaagaccta tcttcaattg	180
tataatttcc agaaagactt tggggatact gacactaaat ttttttctca tttttgaatc	240
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<210> 34650

<211> 144

<212> DNA

<213> Homo sapiens

<400> 34650

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acagaggagc tggggaaacg tcggccargg ccaaggctct aggaagtggg atttctggaa	120
ataatkgcaa agagacctgg agcc	144

<210> 34651

<211> 156

<212> DNA

<213> Homo sapiens

<400> 34651

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tagccagaca tgggactgga ggacgagcaa aagatgctta ccgaatccgg agatcctgag	120
gaggaggaag aggaagagga ggaattagtg gatccc	156

<210> 34652

<211> 403

<212> DNA

<213> Homo sapiens

<400> 34652

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tcagcacttg ctgcttcacc ttgcactttt atgttatgga aacagcatcn ttccttgaat	180
ttcatgaacc aacctctgct agcttcagac ttttcttctg caacttcctc acctttctca	240
acctttatag gattgaagag agttaggtat taggatctgg attaggtttt ggtttaaggg	300
aatgttggtg ctggtttgat cktttatcca gaccactgaa acnttctctg tataaatgat	360
aagactgtkt tgcnttckta aacattgtgt gtcattggcg cgc	403

<210> 34653

<211> 71

<212> DNA

<213> Homo sapiens

<400> 34653

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ctcgccagag a	71

<210> 34654

<211> 87

<212> DNA

<213> Homo sapiens

<400> 34654

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cacacacacc cctnatgcta ctctttt	87

<210> 34655

<211> 81

<212> DNA

<213> Homo sapiens

<400> 34655

ctgatttcat cragttcgac acwggtaacc tgtgwtggt gactggakgt gckaacctag	60
gaagaatkgy tgtgatcacc a	81

<210> 34656

<211> 319

<212> DNA

<213> Homo sapiens

<400> 34656

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gggacccaaa	gaccttgcta	ccaagtgggt	ctcctaacta	ccactgagct	ggctagacaa	180
aaaactttct	gggtgatggg	agccttgagg	tttggctagg	gtcaccctcc	catgaccag	240
cataggattg	gctggaggct	gaggcagatg	gatagactgg	ggaaattcag	ggctgatgag	300
aaggaagcca	ctggccctc					319

<210> 34657

<211> 122

<212> DNA

<213> Homo sapiens

<400> 34657

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ta						122

<210> 34658

<211> 261

<212> DNA

<213> Homo sapiens

<400> 34658

caatacttag	ctgctaatta	cactccatgt	ttccaggaat	atagctctga	taaattcaca	60
tccttgccaa	aaattctaca	aaggctcctc	atctcctaca	agatagtcca	atctcctgcc	120
taagacatgt	caacttctgg	cctctatctc	cttccccaac	cttcgctctg	gctctccaat	180
tgtgtattct	atcttcttga	tgattttacac	gtttcccttg	gttcccaggc	ctgattatac	240
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<210> 34659

<211> 252

<212> DNA

<213> Homo sapiens

<400> 34659

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aacttactat	acacgtagcc	ytcatcaaat	ttgtttcccc	aaatgtagat	atgagagaaa	180
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<210> 34660

<211> 407

<212> DNA

<213> Homo sapiens

<400> 34660

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ctaccatttt	gaaattatat	caggaattga	atgctgtaat	aaaactgtaa	acattttacat	180
gatttccttc	acaatatatg	ctgagtatag	ttttgtcaga	tgcccaagtt	atactaggaa	240
agagctaaat	tcattcaagt	tttttttctg	attttttaat	tgtaaaatac	acatctcatm	300
tytaaatgta	cagttcaata	ttattaaata	cattcataac	gttgtgcacc	cattaccacc	360

atccatctcc aaaagtcttt tcatcttgta aaactgaact caaccca

407

<210> 34661

<211> 89

<212> DNA

<213> Homo sapiens

<400> 34661

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60

89

<210> 34662

<211> 171

<212> DNA

<213> Homo sapiens

<400> 34662

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60

120

171

<210> 34663

<211> 257

<212> DNA

<213> Homo sapiens

<400> 34663

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gtatagccta taaaatgtat gggagatggt ggtattttat gtgtataaaa gcaacaatat
cagcaacttt cgggtttata ctgcaccttg gttgttgatg tcaagtaaaa aaaagattgt
tttgaacac ataaaaaaat ggaagaaact gataccacac ctaaggacca aagataagaa
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60

120

180

240

257

<210> 34664

<211> 476

<212> DNA

<213> Homo sapiens

<400> 34664

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acattctcta gtttaaccat aataactwat gggcatcccc takgaaaaat aataatttca
taacatttaa ttgccatat tgaaatttct ccagttgtac caaaattatc ttatcaactt
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ttaatggatt tatatgaacg tatgtgagtg tgtgtgaatt tatgtgaatg tatgtgtggt
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60

120

180

240

300

360

420

476

<210> 34665

<211> 112

<212> DNA

<213> Homo sapiens

<400> 34665

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<210> 34666
 <211> 150
 <212> DNA
 <213> Homo sapiens

<400> 34666
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 aggtcccata gctaataaaag ggtgaaggctk 150

<210> 34667
 <211> 466
 <212> DNA
 <213> Homo sapiens

<400> 34667
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 aactaggtgg atactaaatc tcggccccc hctttcattg gcttaaccta aaaaccagag 180
 gtgcttttcc ttgtctgtgt gccagttgct ggctgtttta tttgcttgcc cttcattttg 240
 ctactgattt tccttaattt gtgggaagga gtaggcaaag aatatgctta catgagtaya 300
 cctgtaaagt aagcccarac atcmbaaatg tccatcaact gatgagtgga ttaataaaat 360
 gtttccatgg aatattcctt ggattactca gccataaaaa ggaatgaagt actgacacat 420
 gctgtgacat cagtgaaccc tgaaaacatc cttctcagt aaacaa 466

<210> 34668
 <211> 209
 <212> DNA
 <213> Homo sapiens

<400> 34668
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 ttcccatgtt tttaggaggt gstgawtaa ttttgaatag aactcataat atagcctgca 180
 aaaattgttg gtttttggtg gaagagtca 209

<210> 34669
 <211> 273
 <212> DNA
 <213> Homo sapiens

<400> 34669
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 gagaagccgg tacaanscc ctscggacac gtcttttgct ctgcatgcct gcaggaatgt 180
 ctgaagccga agaagcctgt ctgtgggggtg tgcgcagcg ctctggcacc tggcgtccga 240
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<210> 34670
 <211> 317
 <212> DNA

<213> Homo sapiens

<400> 34670

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ccggccagga cgtgggccga agctgcatcc tggctccat tgcgggcaag aatgtcatgc 120
tggaactgtg ratgcacatg ggcttcaatg acgaccgacg ctccctgac ttctcctaca 180
tcacccagaa cggchgccta acagacttcc tggactgtgt gatcattagc cacttccacc 240
tggaactgt cggggcactc ccctacttca gcgagatggt gggctacgac ggccccatct 300
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<210> 34671

<211> 275

<212> DNA

<213> Homo sapiens

<400> 34671

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cctgagcatt agaaagraaa attggatcta aaggctgaag gccacaggcc aggcccttgc 180
aacctctttg ggagctctga aaagcttttt accctctctg ggcctctgtt ttctccccag 240
ctaaaggaaa gaaagaatgc ctgctttttg gtgac 275
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<210> 34672

<211> 228

<212> DNA

<213> Homo sapiens

<400> 34672

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tttgvttctag gtttgagcct cagtttccct atctgtaaaa ggagggtttt tttgtttttg 180
tttttgtttt tttttaaata agattaacgt aaggattaaa ccagatac 228
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<210> 34673

<211> 194

<212> DNA

<213> Homo sapiens

<400> 34673

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actatgtctc agccaaacat aattattaat tccagaaata ttccatgtaa tatttgtggt 120
tttggctatg attttgcttg agccttgaat gttcctaacc gtaacctctg tatatccaga 180
acttaagacc ccgc 194
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<210> 34674

<211> 452

<212> DNA

<213> Homo sapiens

<400> 34674

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tactcactac cttaagata ttaawttyps ttagcttyca catatgatat ttgtcttgct 180
ttgctgact tatttcactt aacagaatgt cctccagttt catccatgta gttgcaagt 240
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acatacatTTt attcttatcc tgtaaagatg actgagaaaa gcatgatttg caattacaaa 300
 gacttggtggg aggcagattt ctaagatagc ctcaaggttt cccaatccta gtgtacacag 360
 gctatataat ttcttcccag tcctactgta ctgagctsmT ataatctctt tcccttcagc 420
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<210> 34675

<211> 250

<212> DNA

<213> Homo sapiens

<400> 34675

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 ttggccacaa aaaaccccag tgccatggca gtggagtcac tcatggcaac agcccccttt 180
 gtccaaattg gcagggtttt cctctcgta ggcctcatcg acaaagtcga caacttcaag 240
 tccctgagcc 250

<210> 34676

<211> 79

<212> DNA

<213> Homo sapiens

<400> 34676

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 gccccgtca sccccamcc 79

<210> 34677

<211> 218

<212> DNA

<213> Homo sapiens

<400> 34677

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 tatgtaattg acagaatata attggttgta ctgaaatata ttccttatgc taaaagaatg 180
 aaaacattga tgcattcccag atttgtgggc ctttcggt 218

<210> 34678

<211> 197

<212> DNA

<213> Homo sapiens

<400> 34678

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 tccacctcct aggtttaagc aawtctyagc cttcctgagt ggctgaaatt acggggcgtgt 180
 gccaccatgc ccagctc 197

<210> 34679

<211> 90

<212> DNA

<213> Homo sapiens

<400> 34679

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 agaaacactt tctcacttac aggggagaaa 90

<210> 34680
 <211> 218
 <212> DNA
 <213> Homo sapiens

<400> 34680
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 tgacttttta gagtataatg atggttyctag ggcataatga ggaaaatttt taaaaaatag 180
 attataatga tacatattgg tatcattaag acaacaga 218

<210> 34681
 <211> 379
 <212> DNA
 <213> Homo sapiens

<400> 34681
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 tccaagcact agtcaatcca rggkkgatgc taagctgtaa aaagctgtgt gggctccctc 180
 atgtttattg gatgaactgc aagcttggtc acggggccata aacagagcta gcttcgggtc 240
 ttgtaggcag gaacaacatt gtatttatat ttgtaaccgc aatgctgggg cttagtaggt 300
 agcggcaaat gtttggttaga tgatttgctc ttattaataa ttgaactttc tcatgatgcg 360
 nccccagcat gtatcttga 379

<210> 34682
 <211> 310
 <212> DNA
 <213> Homo sapiens

<400> 34682
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 gtttggtagg gaaaggcact atgacgcccg ggccagagtc ctcgtttgcc acatgacctc 180
 cctgctccaa gtgcccttgg aggagctgga tgtccttgaa gagatgttcc tggagagcct 240
 gaaggaaatc aaagaagagg aatctgaaat ggccgaggca tcccgaaga agaaagaaaa 300
 ccggaggaaa 310

<210> 34683
 <211> 152
 <212> DNA
 <213> Homo sapiens

<400> 34683
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 cttcgcaatg acaggagatt aaacaaatgg gaggagaatt ccaggaaatg aaaaagtcac 120
 acgaagaaga gttatgttct acagccmaag cg 152

<210> 34684
 <211> 214
 <212> DNA

<213> Homo sapiens

<400> 34684

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cacaggaaaa	gaaaaggctg	graaaacatc	taagcaggga	atgctgtggc	cgatgaatag	180
gcatggtggg	ggccccctca	tgaggattcg	gtgc			214

<210> 34685

<211> 128

<212> DNA

<213> Homo sapiens

<400> 34685

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tcctcctc						128

<210> 34686

<211> 200

<212> DNA

<213> Homo sapiens

<400> 34686

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gaggtcgagg	tggaaggatc	acttgaagcc	agagtttgag	accagcctgt	gcaacacggc	120
aagaccccg	ctctacaaga	acttaaaaaa	ttagctggct	gtggtgttgc	tcacccgtag	180
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<210> 34687

<211> 88

<212> DNA

<213> Homo sapiens

<400> 34687

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tagccagaca	tgggactgga	ggacgagc				88

<210> 34688

<211> 453

<212> DNA

<213> Homo sapiens

<400> 34688

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tgacgtaagg	tcaaatagag	agaacaccca	catggactat	gtcctaagtc	aatcagataa	180
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catttgctcc	tcaattagtt	actaatgaat	ggttctcatt	agcagatgtt	ccatdnatct	360
gaagcacact	acctttatga	gtgaaagctt	tggttaaaca	acaggctgtg	tgcattgatg	420
acatttatga	cttccccctca	tctcctcctc	cca			453

<210> 34689

<211> 196

<212> DNA

<213> Homo sapiens

<400> 34689

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cctgatcctc gtgatccacc tgcctcagcc tcccaaagtg ctgggattac aggcgtgagc	180
caccacgacc cgccat	196

<210> 34690

<211> 63

<212> DNA

<213> Homo sapiens

<400> 34690

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<210> 34691

<211> 120

<212> DNA

<213> Homo sapiens

<400> 34691

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<210> 34692

<211> 128

<212> DNA

<213> Homo sapiens

<400> 34692

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actcgtgtc gccgccgggc tgcaggcctc cccaggacat aagcctggaa gaatttgacg	120
acgaagat	128

<210> 34693

<211> 242

<212> DNA

<213> Homo sapiens

<400> 34693

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gtcgtgagat gtattktcta gtcgttttta tcccaagcca caatgactaa tttattcagc	180
actaaaaatt aactttttaa aagaaatctt tagaagattg tgtacaaaac tgtccagcac	240
tc	242

<210> 34694

<211> 273

<212> DNA

<213> Homo sapiens

<400> 34694

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ggaggggtact	arcgartgrs	tcrgccatct	cgtgaatttg	sttctaaagc	aaaggggrcrg	180
tcrtrccar	aaatcttcat	caaaattgga	tggaaactac	aaaaatgvga	gtgatacctt	240
ttcagacagc	cgatcatcag	acagagagac	aga			273

<210> 34695

<211> 189

<212> DNA

<213> Homo sapiens

<400> 34695

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cctaaaaatt	ctgaatacct	gctgtcagct	tcctgcaa	gggccaggtt	gcctaaggaa	120
tgtcatgaga	gagctggmag	aggcagggga	caggacaggc	accagsaaac	accacttcac	180
catgcgagc						189

<210> 34696

<211> 159

<212> DNA

<213> Homo sapiens

<400> 34696

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cctgaagagg	gtagaagaga	ggtctgagcg	ggagtgcact	gctttggatg	ctcacraggg	120
agctggaaat	ggtggtggaa	ggcatgcaac	gagggcggga			159

<210> 34697

<211> 107

<212> DNA

<213> Homo sapiens

<400> 34697

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gtataattag	agtgatgttg	gtagggtaga	aaaagaggga	gtcccct		107

<210> 34698

<211> 444

<212> DNA

<213> Homo sapiens

<400> 34698

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gggtccarcc	agcaggaaga	aaccccagga	ggaagaaacc	tcagacagat	cgccggggag	180
gcagcgcggg	atcccagcct	caggcgtgcg	cggacgggtg	gcggagtcta	gctttgtacc	240
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gattgtcctg	cctcagcctc	ccgagtagct	gggattacag	ccacatgcca	ccacacccag	360
ctaattgtttg	tatttttagt	agatacgggg	tttcatcatg	ttgcccagga	tgggtcttaad	420
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<210> 34699

<211> 236

<212> DNA

<213> Homo sapiens

<400> 34699

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ggaacgggaa	tggaaagccc	agaaataaac	tcttttatac	atggtaagat	gatttttagac	180
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<210> 34700

<211> 230

<212> DNA

<213> Homo sapiens

<400> 34700

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atctgtgcac	aagtctttat	aaaaatatgg	ccacgtgcgg	tggctcacgc	ctgtaatccc	120
agcactttgg	gaggsccaag	gggggtggat	cacctgaggt	taggrgttca	agaccagcct	180
ngctaacacg	gtgaaacctt	gtctctactc	aaaatacaaa	aaaaaaaaaa		230

<210> 34701

<211> 500

<212> DNA

<213> Homo sapiens

<400> 34701

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gctgaattat	totaccacct	agttatagtt	tcaaaagccn	agttaataac	tctgacatag	180
aaattaaagc	ttaaaccacg	tgactccaag	ctaagccttt	tgcaggcttg	agcctgcaaa	240
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cttgctcacc	tcagctatgg	aagaagcccc	tatactgaga	caatctacag	agccctggaa	360
agctggcaac	ccacacgcag	atgcagttaa	gattaatata	aaagggtatt	gggahggtct	420
tactgaagat	gaagttattg	ttttgaggca	gtttctagrc	tttttaaata	aaagttagat	480
gtatgtaaaa	cttgaattca					500

<210> 34702

<211> 119

<212> DNA

<213> Homo sapiens

<400> 34702

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<210> 34703

<211> 121

<212> DNA

<213> Homo sapiens

<400> 34703

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121

<210> 34704
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 <212> DNA
 <213> Homo sapiens

<400> 34704
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 tcttatatat ttcgagacta aagaacccag gat 153

<210> 34705
 <211> 475
 <212> DNA
 <213> Homo sapiens

<400> 34705
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 ggctccctct ctgatcaaca gttctagtac tcttctttgt cagtatatca acctacagct 180
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 cccacttggg cagaatggac tcacccabca aggtcttctg tatgaagcag ccaaggtgtt 300
 tggccttcgg agcaggaawy taaagctgtt tctgaatgag acccaaacgc aggaaattac 360
 agaagacatc cccgtgaaga ctttgaatat gaagactgtg tatgtttctg tgttaccac 420
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<210> 34706
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 <212> DNA
 <213> Homo sapiens

<400> 34706
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 gaataagaaa caatctcagg ataatgcagt gctagccac taacaaggga tggattcgaa 300
 aattaatccc tggctacat ataccaaagt caaaactctt ctcataacac atgaccaccc 360
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<210> 34707
 <211> 57
 <212> DNA
 <213> Homo sapiens

<400> 34707
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<210> 34708
 <211> 385
 <212> DNA
 <213> Homo sapiens

<400> 34708

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raaacgtwat	agcttcakga	tttagtatag	acattgtcaa	atcatcacc	aaatataatt	180
acaaagtact	ctaaaggaaa	ggcacgtgat	gctgtgaraa	caactcaactg	ggaaaccgga	240
atcacctttg	agaaactggt	tcaggggctc	ttggaagagt	ctactgctcc	caaataatctc	300
tgctaccac	tgccattgc	tttacattcc	tcaactaagc	tttcaccttt	tagtactaac	360
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<210> 34709

<211> 275

<212> DNA

<213> Homo sapiens

<400> 34709

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agcssccggd	vccccggcag	tgagggcaat	gcagagatgg	gctgctgctg	gctaccgcca	180
ggatgcctca	gaagggcctg	ggcttacttg	gcatcttgct	aggagacttt	tcccttcttg	240
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<210> 34710

<211> 298

<212> DNA

<213> Homo sapiens

<400> 34710

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tttttatcat	tcaattcttt	tctagtttga	tttttcttc	gacctatgtg	ttatctaaaa	120
acacattttt	aaattaacaa	aatatgaggt	ttttctaatt	gtctttttgc	tattgatttc	180
aaactttatt	gcattgtcct	cagagactgt	ggcctgtatg	ataccacttc	tctgaaatat	240
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<210> 34711

<211> 345

<212> DNA

<213> Homo sapiens

<400> 34711

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gaggtcaatg	gttatgcctt	gtaggggtcg	tttggaagt	ctgcgtctct	gggccttcct	180
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gctttgcact	cagccctctc	ctgctccttg	agcctctcct	cctaatacca	tctttgcaca	300
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<210> 34712

<211> 174

<212> DNA

<213> Homo sapiens

<400> 34712

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cgacaactac acggcctgtg ccacgctcaa gggcccagac tcccactacg gcgt

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<211> 185

<212> DNA

<213> Homo sapiens

<400> 34713

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cccacctamc ybgycctggg	gctgtygmgc	ascataataa	tcccgggaga	atgattcccc	180
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<210> 34714

<211> 420

<212> DNA

<213> Homo sapiens

<400> 34714

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agtgaawtg tcttgagaa	gtatcagcat	ttcacaaacc	tcagcaaadc	aaactgaaga	180
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aaagcagtca atggtgatct	tgacaaaaat	gatgtctgta	gtgaggttgg	aagtttgatg	360
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<210> 34715

<211> 124

<212> DNA

<213> Homo sapiens

<400> 34715

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tttt					124

<210> 34716

<211> 78

<212> DNA

<213> Homo sapiens

<400> 34716

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<210> 34717

<211> 123

<212> DNA

<213> Homo sapiens

<400> 34717

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ctc

123

<210> 34718

<211> 172

<212> DNA

<213> Homo sapiens

<400> 34718

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atttctagcc	tggttgacag	agtaagactc	tgtctcaaaa	aaaaaaaaaa	aa	172

<210> 34719

<211> 226

<212> DNA

<213> Homo sapiens

<400> 34719

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caagctgagg	gagttccctt	ctattctatt	tttgtgagag	ctttatatatt	tttaaagtaa	120
caacaattct	acacatctct	tccagaaaat	agaagtggag	aaaatatttc	ctaattcact	180
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<210> 34720

<211> 340

<212> DNA

<213> Homo sapiens

<400> 34720

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cagacaatat	ttgctgatta	aataagtga	tcctgcatct	caaaagaagg	tcttcaaadc	180
tcaaaagcaa	tatacatctg	tagataaact	tgtgaaggga	acacattcct	aactatcaag	240
tccttagtct	gagcttctca	gggtcactct	gggaacttat	cagattcaca	aggaccgggc	300
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<210> 34721

<211> 200

<212> DNA

<213> Homo sapiens

<400> 34721

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ctcttttttg	attattgttt	gcatggatc	ttttttcacc	ctttaacttt	cattgtatct	120
ctgaatctaa	agtgkgttc	ctggtaaacr	gcatatagtg	ggatcgtgtt	tcttatctgt	180
cctgctggtc	tctgccgcga					200

<210> 34722

<211> 481

<212> DNA

<213> Homo sapiens

<400> 34722

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 acaatatccc agrccgrwta gaataccttg gacctaagca accaggatga ttgtgccttt 180
 aagtgaaga gaagaacagg aagaacagag atgggggtctt tctatgttgc ccaggctggt 240
 cttgaactcc tgactacaag tgatcctctg acctcagcct cgcaaagcgc tgggtattaca 300
 gctccctcca tcaggaaact taagaccaac tccatttgat ctgatcagag gacgtctata 360
 aggaccaaca cagtgtcaca ttcaaaagca tctttctccc cctccaatca accagtgtcc 420
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<210> 34723
 <211> 436
 <212> DNA
 <213> Homo sapiens

<400> 34723
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 cgcttggcc tcccaaagtg ctkggrakta csaggcakgr agccaccgcg ccagctaat 180
 ttttgtattt tkatnhnatt tatttattta ttttttggga gacggagtct tgctctgtca 240
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 tgggattaca ggcattgcacc atcatgmna gctaattttt gtatkttttag tagagatggg 360
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 agcctcccaa agtgct 436

<210> 34724
 <211> 383
 <212> DNA
 <213> Homo sapiens

<400> 34724
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 gccttaagtg gctagagact gttttgggtg gaatckgtgt aaaatttgaa gaagataata 180
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 ggaagaatat tgtatttttc cataggtccc naggtttttt gagacaactt gagtgtcaga 300
 taaggtaactt gggatcatta ggaggcttaa taatcatttt agggtttgtg tgtgttaaag 360
 aaccttactg actggctagc tat 383

<210> 34725
 <211> 473
 <212> DNA
 <213> Homo sapiens

<400> 34725
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 atcgctgtt ccaggcactg ctgaatagag caggagttcc agacagagtc ctgctctttt 240
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 agagtccatg ctctgagatg tgtgtgaacg tgcattgcgt agatgtgtga agggcttgaa 420
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<210> 34726

<211> 370
 <212> DNA
 <213> Homo sapiens

<400> 34726
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 ttagaagggt gcctacagtg ggaaacttgt ctttttctga aattaaaaaa aattattttc 180
 caagttcctc tccaaccttt gccagtctgt gttgacttac tccttattaa acgctcagct 240
 ctttaaggcc cattagtcaa gctgttactt gtgtgcaggc ctgaagcagc agttctgtca 300
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 atcataatat 370

<210> 34727
 <211> 265
 <212> DNA
 <213> Homo sapiens

<400> 34727
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 actaacmatt tctcgggagg agcttgaaga actacaagag gcatttaata aaatagatat 180
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 tcctctgcct ggctacaagg tgcgc 265

<210> 34728
 <211> 188
 <212> DNA
 <213> Homo sapiens

<400> 34728
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 cagctatt 188

<210> 34729
 <211> 111
 <212> DNA
 <213> Homo sapiens

<400> 34729
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<210> 34730
 <211> 385
 <212> DNA
 <213> Homo sapiens

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 aatgcaagtc agtctgttgt ragaagagac tgcattgggg tccagaagct gagtgtctag 180

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<210> 34731
 <211> 137
 <212> DNA
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<400> 34731
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<210> 34732
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 <212> DNA
 <213> Homo sapiens

<400> 34732
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<210> 34733
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 <212> DNA
 <213> Homo sapiens

<400> 34733
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<210> 34734
 <211> 237
 <212> DNA
 <213> Homo sapiens

<400> 34734
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 ccgcggggag aaagaaggcg taagtgtatg ttttaactgg aaaaagtctt ccatgaaaac 180
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<210> 34735
 <211> 219
 <212> DNA
 <213> Homo sapiens

<400> 34735

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ctcctgggst	caagtgatcc	tcctgcctsa	gcctcntgag	tagctgggac	tatgagtatg	180
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<210> 34736

<211> 137

<212> DNA

<213> Homo sapiens

<400> 34736

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<210> 34737

<211> 264

<212> DNA

<213> Homo sapiens

<400> 34737

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ggaasgggtg	ggcgatcaag	tacagsamtt	ggggancccg	aggagaacat	cctggactcg	180
cggtctattg	cagccttcga	acaaaaggag	agggagcgtg	agcwgatgg	gccaagaag	240
aggggaccca	aacccvaaa	tttc				264

<210> 34738

<211> 412

<212> DNA

<213> Homo sapiens

<400> 34738

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ctccagcagc	tcaagggscg	gccgtaccgc	ggaggccatt	cagaaagtgc	atccgggtgg	180
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tctggctgag	aagataacag	ggccactgga	agaagccgtg	gcagtggctt	tctcgagggt	300
gctcaccatc	gcggccacgg	aaccggtcac	cctccganra	ctccaagccc	cccaagccca	360
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<210> 34739

<211> 421

<212> DNA

<213> Homo sapiens

<400> 34739

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gggtttggcg	agccagtcct	tcagtggctg	ttttctagta	gctccttggc	aattgagggg	180
aactggtctg	gaccactctc	cagtgtgtgc	tgaaggccaa	ggagtgaaca	gggatggctg	240
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a 421

<210> 34740
<211> 110
<212> DNA
<213> Homo sapiens

<400> 34740
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cagactactc ggtggtgcgc ggctgcacaa ctgacaaatg caacgcccgc 110

<210> 34741
<211> 260
<212> DNA
<213> Homo sapiens

<400> 34741
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gatatctttt aaagacatag ttcaaaattg cttttgaaaa tctgtattct tgaaaatata 180
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ccctctatt cagctcccc 260

<210> 34742
<211> 134
<212> DNA
<213> Homo sapiens

<400> 34742
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ggtggatcac cgga 134

<210> 34743
<211> 261
<212> DNA
<213> Homo sapiens

<400> 34743
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taaaaggagc agcttgtaca aagcagaaaa gtgtgtgcca aggaatgata tgaactcatg 180
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<210> 34744
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<400> 34744
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09513990.022400

ccaccagggc agggatagtg gtgagggctcg ctcgtggatc ccctcgcggg gagcagggtc 180
 tggcacacac cagggcgag gattaggact tgttgaatga atccatcatg gcctttatct 240
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<210> 34745

<211> 147

<212> DNA

<213> Homo sapiens

<400> 34745

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<210> 34746

<211> 192

<212> DNA

<213> Homo sapiens

<400> 34746

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<210> 34747

<211> 139

<212> DNA

<213> Homo sapiens

<400> 34747

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<210> 34748

<211> 176

<212> DNA

<213> Homo sapiens

<400> 34748

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<210> 34749

<211> 127

<212> DNA

<213> Homo sapiens

<400> 34749

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 <211> 122
 <212> DNA
 <213> Homo sapiens

<400> 34750
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<210> 34751
 <211> 152
 <212> DNA
 <213> Homo sapiens

<400> 34751
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 aaggaaagaa aacagaattt gtactcatat ca 152

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 <211> 78
 <212> DNA
 <213> Homo sapiens

<400> 34752
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<210> 34753
 <211> 176
 <212> DNA
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<210> 34754
 <211> 51
 <212> DNA
 <213> Homo sapiens

<400> 34754
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<210> 34755
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 <212> DNA
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<400> 34755

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gccttgaggc	tagattatct	ttcctttgta	agattatttg	atcagaatat	tttgtaatga	180
aaggatctag	aaagcaactt	ggaagtgtaa	agagtcacct	tcattttctg	taactcaatc	240
aagactggtg	ggtccatggc	cctgtgttag	ttcatgcatt	cagttgagtc	ccaaatgaaa	300
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<211> 209

<212> DNA

<213> Homo sapiens

<400> 34756

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tgagagaata	acttacttat	taaggtaata	gatgtaggga	agactcatta	ctcttgacca	180
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<210> 34757

<211> 357

<212> DNA

<213> Homo sapiens

<400> 34757

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taggattatt	tatttacttt	ttgtaactaa	gtgggaaata	agaaaaaaag	ttagaaagta	180
cttaagggga	aaatcgttct	tactaagtca	tgtattttca	acttgtcttc	cctgggtatat	240
cattaaatac	cgacatatta	catacccat	gtaaaatttt	gcttaaaactc	tctagcactt	300
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<210> 34758

<211> 239

<212> DNA

<213> Homo sapiens

<400> 34758

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cagacgttaa	ccatctaatt	caggggtggc	caatcttttg	gcttcccggg	accacattgg	180
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<210> 34759

<211> 274

<212> DNA

<213> Homo sapiens

<400> 34759

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cttacgagag	ctcctaaagg	aagcactaaa	catggaaaagg	aacaactggg	accagccact	180
gcaaaaacat	gccaaattgt	aaagaccatc	gatgctatga	agaaactgca	tgaattaacr	240
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<210> 34760

<211> 207

<212> DNA

<213> Homo sapiens

<400> 34760

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atcacccaag	gtcagaagtt	tgagaccaac	ctggctaaca	tggtgaaacc	ccgtctctac	180
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<210> 34761

<211> 265

<212> DNA

<213> Homo sapiens

<400> 34761

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ttttacttgt	gatgttgctt	tgtttcagta	tgaaggctat	gaagtagagt	catctttaa	180
ggatgccagc	tttgagaagg	aggcaacaga	agcaciaaag	ttggaggtag	aaaatcaaat	240
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<210> 34762

<211> 270

<212> DNA

<213> Homo sapiens

<400> 34762

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cttggnccca	gtgtagctca	cgcaatctct	gctacccata	agccttgatg	aagatgatac	180
agtccggact	gtgagcatgg	tgcttcatgt	atatgtgctg	ccagtaacaa	gaattttttt	240
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<210> 34763

<211> 188

<212> DNA

<213> Homo sapiens

<400> 34763

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gagcggggcg	tgctgaagtg	gaccgagtac	acaccagatc	ctaaccatgg	cttcgatgtc	180
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<210> 34764

<211> 346

<212> DNA

<213> Homo sapiens

<400> 34764

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tacaattata atgataattc ctggagggga tgtcccgctg aagattccaa ttataatgct 180
gttatttagc ttctgctaag agaagaacta aaggtcaccc cggtcattct ttgggagggg 240
agcaccctt tgaagatgtg tttggagggg ggcccatgga gttctgctgc tgggaagata 300
cagactggag tatcatcaga ctgagtcaag cagcaggagc cccctt 346

<210> 34765
<211> 90
<212> DNA
<213> Homo sapiens

<400> 34765
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cctgggtgaag gtaggaaaaa aaaaaaaaaa 90

<210> 34766
<211> 238
<212> DNA
<213> Homo sapiens

<400> 34766
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tgttatcatc taagaacbta agtttatatg caacaaaggt atatgtgtat gtgtccgt 238

<210> 34767
<211> 93
<212> DNA
<213> Homo sapiens

<400> 34767
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cacatgacag ckgaattgca aackgtaaat ggc 93

<210> 34768
<211> 281
<212> DNA
<213> Homo sapiens

<400> 34768
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attgttgatg tatttgctac ttgtcttctt ttctctttca agacttgatc attttatatg 180
ctgtttggag aaaaaaagaa cttttgttag caaggaggtt tcagaaatga ttttsgattt 240
tctgtaagtg ttttaattag ttctagggga cagcatccct c 281

<210> 34769
<211> 331
<212> DNA
<213> Homo sapiens

<400> 34769
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cctgaggggt	cgggcaaaaa	gccatatttt	tcttctwrca	gagagcctat	aaatggacgt	180
gcaagtagga	gagatattgc	taaattcttt	tcctagcaag	gaatataata	ctaagaccct	240
agggaaagaa	ttgcattcct	ggggggaggt	ctataaacgg	ccgctctggg	agtatctgtc	300
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<210> 34770

<211> 146

<212> DNA

<213> Homo sapiens

<400> 34770

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haaagascag	gmacctgcac	tagggcaaag	gccagtagga	atagattgga	ssysttaagg	120
tgtgaactgt	taagtaaga	tgataa				146

<210> 34771

<211> 150

<212> DNA

<213> Homo sapiens

<400> 34771

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<210> 34772

<211> 399

<212> DNA

<213> Homo sapiens

<400> 34772

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ggttgatgcc	gccttacctt	tggaatcct	aacctatgaa	gagaagacct	tgtcagccat	300
cdtgagaata	tgtagcagtg	gtcttgtcaa	attgtggagc	tctttgaccc	tgttaggatc	360
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<210> 34773

<211> 202

<212> DNA

<213> Homo sapiens

<400> 34773

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aaacaataac	actgcttata	aatggcacca	catcttggtta	acctcccccc	caaatactct	180
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<210> 34774

<211> 413

<212> DNA

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<213> Homo sapiens

<400> 34774

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cacagaagtt	cagtaaaca	ggaccagatt	tctgcttctc	caggwgaaga	agccagccaa	360
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<210> 34775

<211> 296

<212> DNA

<213> Homo sapiens

<400> 34775

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tttacaggat	acaaaatcaa	catgcaaaat	ctgtagtttt	ttgttttggt	ttgtwttttt	180
gtttgtytgt	tttttgagac	ggtagtctcg	ctctgtcacc	aggctggagt	gcagtggcgc	240
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<210> 34776

<211> 313

<212> DNA

<213> Homo sapiens

<400> 34776

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accagccaag	ctgtgggtgc	agcatggcaa	ctttacaagc	cgggcagggt	agcatggatg	180
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<210> 34777

<211> 168

<212> DNA

<213> Homo sapiens

<400> 34777

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gaagcaccga	gccatccctg	accaggaac	tttccgcaga	cacgccgc		168

<210> 34778

<211> 312

<212> DNA

<213> Homo sapiens

<400> 34778

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tagctttatt	tacacacaca	cacacacaca	cacacacata	gccattcccc	cattctttcc	180
attatagtta	catcaaaata	ttggttggtc	ggggtgtaac	ytcttatggc	tgtgtacaca	240
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<210> 34779

<211> 89

<212> DNA

<213> Homo sapiens

<400> 34779

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<210> 34780

<211> 250

<212> DNA

<213> Homo sapiens

<400> 34780

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tgtgcttcaa	tccctaggct	ctgcagcagc	cgccccacc	tgtgamatgt	taagagctca	180
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<210> 34781

<211> 453

<212> DNA

<213> Homo sapiens

<400> 34781

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cactcaggaa	ctaagaaaat	gactactgga	tgggtcagtg	tattcctgga	cccactgtaa	360
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<210> 34782

<211> 140

<212> DNA

<213> Homo sapiens

<400> 34782

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<210> 34783

<211> 369

<212> DNA

<213> Homo sapiens

<400> 34783

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ccctgactca	ggggaagaga	gtgtggccta	ctttctgctc	cttgataaac	cttccatgcc	300
attgatcttc	catgatgaat	gctccagttt	tgactctaag	gccttgccac	ctgtttctat	360
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<210> 34784

<211> 356

<212> DNA

<213> Homo sapiens

<400> 34784

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agcttaaatg	aattatagga	magttcctga	aaagtccaar	gtaaatgtga	agagaacccg	180
attctcttaa	cctcacccaa	cccagcactt	gattctccct	tgtttcctgg	ttttcataca	240
cacactggga	aaggamaagg	aagaagaaac	aaggatgtcg	ttatggctga	aggagctttg	300
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<210> 34785

<211> 352

<212> DNA

<213> Homo sapiens

<400> 34785

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aaaatgtgag	ttgacagctc	aaagcacttg	taactgctgc	cccctcccta	cctctactcc	240
cmetaatgga	atcatgggat	agggaaggcc	cccatggggg	cagaagggca	cggtagttct	300
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<210> 34786

<211> 365

<212> DNA

<213> Homo sapiens

<400> 34786

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gtgccacatt	ttcttaatcc	agtctatcat	tggtggacat	ttgggttggt	tccaagcttt	180
tgctattgtg	aatagtgccg	caataaacat	acatgtgcat	gtgtctttat	agcagcatga	240
ttwatagtcc	tttgggtata	taccagtaa	tgggatggct	aggtcaaagt	gtatttctag	300
ttctagaccc	ctgaggaatc	accacactgr	cttcacacat	kgttgaacta	gtttacagtc	360
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<210> 34787

<211> 144

<212> DNA

<213> Homo sapiens

<400> 34787

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aaggaggctg	aagaggaaca	gaaa				144

<210> 34788

<211> 283

<212> DNA

<213> Homo sapiens

<400> 34788

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aaagaagccg	gmagagatkt	kacctattta	atagtgggtgc	tttttggaat	cagcattaca	120
ggtggcttgt	tttacacgat	tttcaaagaa	cttttwtctt	catccagwcc	tagcaagata	180
tatgggagag	ccttagaaaa	atgcagatca	catcctgagg	tgatcggtgt	ctttggtgag	240
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<210> 34789

<211> 308

<212> DNA

<213> Homo sapiens

<400> 34789

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ctagcttttc	ctacaatgaa	cctatctttg	gaggttcaag	ctccccacct	tccccactg	120
tggtgacctg	tggccacttg	cagaagggat	ggtgcctgac	ccactgccct	agccccacgc	180
tatgcaccaa	acttgttctc	cccgtcctgg	tccagggctg	gggtcttttag	agactgacag	240
cctctgcccc	aggcctgagt	ccttagcaag	ggttkggtaa	ggagvtttta	agggagaagg	300
tccagttcc						308

<210> 34790

<211> 139

<212> DNA

<213> Homo sapiens

<400> 34790

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ctgcatgact	tagtcttgga	agacacaccg	caacacttcc	actgcactct	atcagccaga	120
gcaatcacia	gtccgcccc					139

<210> 34791

<211> 320

<212> DNA

<213> Homo sapiens

<400> 34791

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aggagttaa	ggctgcaatg	agctgcgatc	acgcactgca	ctccagcctg	agtgacagag	180
aaagacactg	tctctaaaaa	aagattgcat	tttttatcac	taggcaataa	agtgagcaat	240
taataacaaa	aggataatTT	tgaaagacta	aaaaagttag	gattgaaata	ctgtcttaaa	300
ataattttta	gatcaaaaaca					320

<210> 34792

<211> 139

<212> DNA

<213> Homo sapiens

<400> 34792

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ttaaaatctt tggttctcta attcatatga atttgctgtt tgctctaatt tctttgggct	120
cttctaattt gagtggagc	139

<210> 34793

<211> 233

<212> DNA

<213> Homo sapiens

<400> 34793

acttctccag cctggacggt acagcgagac ttgtcttagg gaggggggga aaaaaaacia	60
caaaaaaac agaggctaag aggtaactcc gaggatgaca gaaaacacca gagtttttag	120
gagatgttag aagccctggg agcactgaac aaaccagaaa gctcccgacc cttgatccct	180
gagctccacc tagcaagtac cgcggcagct aacckgggag aatacccaa ctt	233

<210> 34794

<211> 208

<212> DNA

<213> Homo sapiens

<400> 34794

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cctcagaaaa agtgggttga ttttatttca cccatttttg ttcaagctct tacattaaca	120
ttcttagcag aatgggggtga tcgctctcaa ctaactacaa ttgtattggc agctagagag	180
gaccctatg gtgtagccgt gggctctgc	208

<210> 34795

<211> 152

<212> DNA

<213> Homo sapiens

<400> 34795

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ctgtgggttt gtcatagatg gcttttataa cattaaggct ggagtgcagt ggcgtgatct	120
cggctcactg cagcctctgc ctcccgggcc at	152

<210> 34796

<211> 162

<212> DNA

<213> Homo sapiens

<400> 34796

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tcvtactcca ccaccaccac caccctgcc aacagagctc agaacacctc taccacctac	120
aacccagad aggccaacca ccggactgac aactatagca cc	162

<210> 34797

<211> 157
 <212> DNA
 <213> Homo sapiens

<400> 34797
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 ttgtaatacc ccacctcttt gttgcctatc cccttcc 157

<210> 34798
 <211> 233
 <212> DNA
 <213> Homo sapiens

<400> 34798
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 gctagtctat cagcatctga cagggtgaatt ggatggttct cagaaccatt tcaccagac 120
 agcctgtttc tatcctgttt vvttaaattag tttgggttct ctacatgcat aacaaaccct 180
 gctccaatct gtcacataaa agtctgtgac ttgaagtta gtcagcacgc ccc 233

<210> 34799
 <211> 143
 <212> DNA
 <213> Homo sapiens

<400> 34799
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 gtgttagaag cctgcgtggg gag 143

<210> 34800
 <211> 158
 <212> DNA
 <213> Homo sapiens

<400> 34800
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 tgaacctagg gggcagaggt tgcaatgagc cgagattgcc ccattgcact ccagcttggg 120
 caacaagaac gaaactccgt ctcgaaaaaa aaaaaaa 158

<210> 34801
 <211> 150
 <212> DNA
 <213> Homo sapiens

<400> 34801
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 caacaagaac gaaactccgt ctcgaaaaaa 150

<210> 34802
 <211> 211
 <212> DNA
 <213> Homo sapiens

<400> 34802

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 cctcctcgcc aacactkagg accccacgga gatggcctcg ctggacagcg acgakgagac 120
 ggtctttgag tcccgggaatc tgagatgatg ctgagccagg gaggcggccc ttccagcagc 180
 catgagggaa ggacakgaga tggggcccac c 211

<210> 34803

<211> 141

<212> DNA

<213> Homo sapiens

<400> 34803

tcactgccac taccttwtcc ccacctttaa aagacctgaa tgaagttttc tgccaaactc 60
 cgtgaagcca caagcacctt atgtcctccc ttcagtgtwt trtgggcctg aatttcatca 120
 cactgcattt cagccatgga t 141

<210> 34804

<211> 170

<212> DNA

<213> Homo sapiens

<400> 34804

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 attattatcc ctctatacag ttgaaagaac ctagggtaaa ggtcttaaat aacttttcct 120
 agtttataca aggaaagtta atagatctgg aatttgaaca tagggccctc 170

<210> 34805

<211> 50

<212> DNA

<213> Homo sapiens

<400> 34805

cttgaagcta gaasrggaag ttrgttaaaa atcacatcav aaagctacta 50

<210> 34806

<211> 216

<212> DNA

<213> Homo sapiens

<400> 34806

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 ttttttattt ttgagatgg agtctcactc tgctactcag gctagagtgc agtggtgcga 120
 tctcagctca ctgcaacctc cgtctcccag attcaagaga ttctttctgcc tcagcctccc 180
 aaggaactgg gattacaggc gccaccaca cgccac 216

<210> 34807

<211> 74

<212> DNA

<213> Homo sapiens

<400> 34807

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 acgtggaccg ccgt 74

<210> 34808
 <211> 72
 <212> DNA
 <213> Homo sapiens

<400> 34808
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 tttatgatgg tt 72

<210> 34809
 <211> 72
 <212> DNA
 <213> Homo sapiens

<400> 34809
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 attcccaggc gt 72

<210> 34810
 <211> 355
 <212> DNA
 <213> Homo sapiens

<400> 34810
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 aggctggcct gacagtcctc aacgatactt ttatttktat atatccacta tgctcaagat 180
 tagtttatta attctgtagc aggttaaggg agtggaggca gctggtaatc gttgattbdd 240
 ttatatattt tcattcaata gccatctgct gaatgtcttg tatgtgccag gtccgggtta 300
 ggggttggggr ctcaatattg aatatgmctt gcacagcccc tgttctcagc ctagt 355

<210> 34811
 <211> 119
 <212> DNA
 <213> Homo sapiens

<400> 34811
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<210> 34812
 <211> 196
 <212> DNA
 <213> Homo sapiens

<400> 34812
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 attattcttt gaaatgccaa atgmtataaa tattttgcct aatacatatt tattgtagat 120
 gaaatgcact cttctcgatg aggcctcgat ttgaatcaat ggggtgggcc acaggaaatg 180
 tcagaggaac cagaac 196

<210> 34813
 <211> 307

<212> DNA

<213> Homo sapiens

<400> 34813

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acgcaggtgg	gcatgttaga	ccataagccc	actgttcttg	ggggaatgac	tgaaggctca	120
tttgctactc	tggctactaa	ctgacaggac	ctgtcagctt	ctgactcttc	aaaggagtca	180
gacagtcgga	gaaggagacm	attcmaggtc	ctgtgctcca	cagggwmaag	aggagtttcc	240
agactatcag	ctgatgggac	tggggctgtc	tacccaggga	agaaaagatt	tacaagacac	300
aacgcct						307

<210> 34814

<211> 70

<212> DNA

<213> Homo sapiens

<400> 34814

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aaaaaaaaaaaa						70

<210> 34815

<211> 367

<212> DNA

<213> Homo sapiens

<400> 34815

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tgctttgttt	tntttttccc	cgtcattgacc	tcacaaaagg	ctataggtct	tagtcccaca	120
aaagtaaaat	agctctgccca	ctgggatgtg	tcttccttgt	tctgagcttt	ttctcaaaac	180
cctatcactg	gcccttttagt	tttcagccga	tgtacccaaa	atatttcctc	cccaaagtgc	240
kggtattaca	sgcgtgagca	scgtatccgg	mcaatctttt	ctatttcaac	cttttctttt	300
taactgtagc	ctgggaaatt	tttaacctgc	aaaaaggggtg	ggtccttggt	gggtytcatt	360
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<210> 34816

<211> 330

<212> DNA

<213> Homo sapiens

<400> 34816

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gttttagcca	gggttcaatg	atagagtggg	ggtaaattaa	gagcctccag	gctgtgattc	180
accatttgag	acattatata	taatttggtt	ttgttataag	ccatttgaat	ttttaaaaaa	240
tttcatacat	gcaatggaat	atagatatgt	atatacacat	ataatatata	tgctaaagta	300
taaagagtaa	taataatgac	aataaacaaa				330

<210> 34817

<211> 342

<212> DNA

<213> Homo sapiens

<400> 34817

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ttatctttac	tttggtgagt	aataaacaca	ttaattaaca	aaacaggaaa	atcctgtcaa	120
agaggaagtc	cttattaaga	tcatgctgga	ggccttttct	attgcactgg	aaagattagc	180
tgagttcagt	ggtctttaag	aaagtataat	catgaaaata	gttacgtcca	gagctcagag	240
agtttgaatt	atccttttga	ttggaagatt	ctagcccaga	ctattttatc	vbtttctaaa	300
ckkgccaaaa	atkkcatatt	gtcaaaacttt	ccctccaccc	cc		342

<210> 34818

<211> 276

<212> DNA

<213> Homo sapiens

<400> 34818

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aggcctcccc	agccatgtgg	aactgtttga	ggcacagagc	tgtatataca	ataacagtga	120
aattgatccc	actactaatt	atgacaaaaa	tgatcttcca	cgtaaacagg	tggtgaagct	180
ccttatggtc	ctgaccctac	agttcctgtc	ccatgaccag	ggccagatca	ccaaggagct	240
gcagcagttc	gtcgtcagtg	gcagccccc	atgcagagc			276

<210> 34819

<211> 222

<212> DNA

<213> Homo sapiens

<400> 34819

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gcatcttatt	cataatgata	tgatcataac	atctatgcaa	attttagtta	ttcctacttc	120
aggatgggat	tcaaagtcct	catcgtatgt	ggccaatctt	tgatgagttg	gtaaaatcta	180
tataatataa	cctgttcatt	tttcaggtat	gtgagcacat	cc		222

<210> 34820

<211> 267

<212> DNA

<213> Homo sapiens

<400> 34820

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tttgaaaatt	agcctctaaa	ctcttaatac	atacgttctg	tgtgtctcta	cctggcgtct	120
ttaagaatat	cctctctggg	ctctgaaatt	ttaggagtg	ttcttatcca	ctccaagttg	180
taagtatttg	tagaaatttg	tgcaaacaaa	caaaaactat	caaataaaaa	gaaaatgtac	240
tcaacctaac	ttatagttag	cagctttt				267

<210> 34821

<211> 304

<212> DNA

<213> Homo sapiens

<400> 34821

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gctttacctt	catttgkttt	tgaattttgt	kaaggaagtt	ktagtgtata	cttttctcta	120
gcatttttgt	ctctagcata	raatttcaat	atttatgtaa	atgtatatkc	ttactgtttc	180
ttttttagg	acttttttkt	tcttttttga	tggagtctca	ctckgtcgcc	caggctggag	240
tgtggtggcg	ccatcttggc	tcattgtagc	ctccacctcc	tgagttcaca	tgcctcagcc	300
accc						304

<210> 34822

<211> 150

<212> DNA

<213> Homo sapiens

<400> 34822

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tagaagcagc aaagaaagch caccakgcag cgtgcaaaga ggmsaagctg gctatctcac	120
gwgaagccaa cagcaaggca gacccatctd	150

<210> 34823

<211> 86

<212> DNA

<213> Homo sapiens

<400> 34823

ggtgtataac cttggactca cactgctgtc tctgtakatg ttctgtgagt tagtaacagg	60
agtatgggaa ggcaaataca acttct	86

<210> 34824

<211> 140

<212> DNA

<213> Homo sapiens

<400> 34824

acaatgtttt cagcctgta aacctagmdc attgggaagc caaggtggga ggattgcttg	60
aggccaggag ttcaakgmtg cagttagcta tbattgcaca ctgkaskcta gcctgggaga	120
cagagtgaga cactgtctct	140

<210> 34825

<211> 178

<212> DNA

<213> Homo sapiens

<400> 34825

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gtacttaaat ttggagtaca ctagtattg agaacaatat tttgggttsa sgagrgatgg	120
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<210> 34826

<211> 157

<212> DNA

<213> Homo sapiens

<400> 34826

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gcacaggtcc tgctgtcct gtcttccaag gcgctaaatc acccctctgc ctccgcccc	120
gggggcccga gcctctatct cctgcatcaa cgcgcc	157

<210> 34827

<211> 317

<212> DNA

<213> Homo sapiens

<400> 34827

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taatcagcaa	cattacagtc	ttgaatttcc	tccaggctct	aggctatcta	cacactaaag	120
aagaactgct	ggnhcgag	cttgatgttt	tgaagtcctt	gaacttccga	attaatctgc	180
ccactcccct	ggcatatgtg	gagacgctcc	tagaggtttt	aggatacaat	ggctgtttgg	240
ttccagccat	gaggctgcat	gcaacctgcc	tgacactgct	cgacckvgtc	tatcttctsa	300
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<210> 34828

<211> 334

<212> DNA

<213> Homo sapiens

<400> 34828

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agacttttct	ctttaagaca	gctagccatc	cactttcttc	cactgcta	tgaccagtgg	180
tcgagcatcc	ataggatttc	tcccagtggt	gaaaggcttt	attttaaagg	caagtgaagc	240
tgcttcaa	aaaacaactt	caagcttcca	agaaacagtt	aagaggaggc	agagmagagc	300
agamacactt	ctttgctgac	acttacactg	ttgc			314

<210> 34829

<211> 174

<212> DNA

<213> Homo sapiens

<400> 34829

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ttttgcacag	taatgttgcc	ccccaaactcc	catcagccac	cactcattca	atcctgtgtt	120
ctttggmmtg	aactcactat	ttgcagttat	gttgccctccc	atccccccgg	ccca	174

<210> 34830

<211> 239

<212> DNA

<213> Homo sapiens

<400> 34830

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tcagcgtgaa	caaccccaga	aggaaaaaga	gtgcwgttgt	taaaggatc	tggtcatcatg	120
gacccaacca	tcaccaggag	tttctcactt	catctctgtg	tgataaattt	tgacatatgt	180
atacatccat	gaagccggca	ccacaatcaa	gataatgaac	atctcgctta	ccccagtca	239

<210> 34831

<211> 204

<212> DNA

<213> Homo sapiens

<400> 34831

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gtttgaaata	cgaaggtaat	ttaatgttac	aaattttaac	actcaaatca	acctttta	180
aattttctgt	gctaagggcc	cact				204

<210> 34832

<211> 182
<212> DNA
<213> Homo sapiens

<400> 34832
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agccggtacc ggcaaccacg ggcagctctc aggggaatctc cgtcgtgagg ccagaggctc 120
cagtccccgc gagtccagat gcctgtccag cctccaagca aagacacaga agagatgaaa 180
gc 182

<210> 34833
<211> 254
<212> DNA
<213> Homo sapiens

<400> 34833
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gggtaccggt ggtcagacct ggcagacagc ccattttttc ttatgataaa gacggcattt 120
ggctcatgag caaggtggca agatcatcaa gtgagtcaga catgcagctc tgggaaacag 180
aagaggatga catgacagaa gggagaagaa agaaatgaag cgagttttca gtattccaag 240
cataagagcc aggt 254

<210> 34834
<211> 233
<212> DNA
<213> Homo sapiens

<400> 34834
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gmcggccggc cccagctggt gatcccagcc agtcscagcs htcagttgct gccaccacag 180
acatagagat ggmggcgcggt ccagctggca ggtgtcgtcc ttcagcgaga yac 233

<210> 34835
<211> 281
<212> DNA
<213> Homo sapiens

<400> 34835
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tgccctctca gtatcaccag tcccaaagac aggatacgtc cctgtaaccc aatctctcgg 180
ttgattgata gcagaacagc tcttgttggg ctgagaaggc aggataagtg accacatatt 240
tatgcbacta cctccaccag ggagagtcct tctccacagg c 281

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<211> 382
<212> DNA
<213> Homo sapiens

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gttatgtttc cgggtgacct gctgttttagc aggagccag cctgtggcta agaagtatag 180

agaactgaaa ctagctccct agggatggga aaaccaagtg ggctgaggat aagaacaggg 240
 ccccgaggct ggggtcgggc gctcacgcct gtaatcttag cactttggga ggccgaggtg 300
 ggcggatcgc ttgaggtcag gagttcgaaa ccagcstgat caacacggtg aaaccctct 360
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<210> 34837
 <211> 168
 <212> DNA
 <213> Homo sapiens

<400> 34837
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 aggatagatt aaaacctaaa aagaaagaaa agaaggatcc cagcgcat 168

<210> 34838
 <211> 220
 <212> DNA
 <213> Homo sapiens

<400> 34838
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 agattctgat ggatggccag cattagcaaa tgaaggcttg tccccaactc cagtaactag 180
 tgtaaaagta gatctgatct tgtcctttgc agcatgtgga 220

<210> 34839
 <211> 113
 <212> DNA
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<400> 34839
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<210> 34840
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 <212> DNA
 <213> Homo sapiens

<400> 34840
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 tctgtaaagc tgtttccagt gtctgtaaat tgctacagca aattcttaac catgggggga 180
 tgtccysggm accccttact ttgtagttgg ccaagcataa aggtaggtag tcyaggcacc 240
 ccattagcaa cysgagtcgc t 261

<210> 34841
 <211> 67
 <212> DNA
 <213> Homo sapiens

<400> 34841
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cactgat

67

<210> 34842

<211> 86

<212> DNA

<213> Homo sapiens

<400> 34842

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<210> 34843

<211> 201

<212> DNA

<213> Homo sapiens

<400> 34843

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tgagtatgga gggctaggcc gtgaagttca agtcgagcac atcaaggctt atgtcaccaa	180
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<210> 34844

<211> 295

<212> DNA

<213> Homo sapiens

<400> 34844

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aagccccgatg gccagagga gaaaagccag gatctgggaa tgtggccccct gcagtaatac	180
tggtgtamng tggatgctv ccaaacagaa ttacctaat cggatgggaa tgggaaagcc	240
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<210> 34845

<211> 352

<212> DNA

<213> Homo sapiens

<400> 34845

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taggaataga agtcttttnr tcccagtcgg tgggacagtt ttgtatgctg tatcttgtac	180
acaggttgta ggttggttta ttgccatttt gttttatttc tgcwatrtta aarccaagag	240
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<210> 34846

<211> 126

<212> DNA

<213> Homo sapiens

<400> 34846

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gccaat 126

<210> 34847
<211> 56
<212> DNA
<213> Homo sapiens

<400> 34847
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<210> 34848
<211> 57
<212> DNA
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<400> 34848
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<210> 34849
<211> 51
<212> DNA
<213> Homo sapiens

<400> 34849
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<210> 34850
<211> 65
<212> DNA
<213> Homo sapiens

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tgggt 65

<210> 34851
<211> 298
<212> DNA
<213> Homo sapiens

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<210> 34852
<211> 67
<212> DNA
<213> Homo sapiens

<400> 34852

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<210> 34853
<211> 81
<212> DNA
<213> Homo sapiens

<400> 34853
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gctaccaga ctcagaatt t 81

<210> 34854
<211> 79
<212> DNA
<213> Homo sapiens

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<212> DNA
<213> Homo sapiens

<400> 34855
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gaggatggtg gcttgaatgc cctcttccct tttaaacctt tcttcactya agggacatga 240
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tattgatttc tttgtaagt tatgaacact ttcattaggt taaattgttg atattttaaa 420
gtttttgacc tcagtggcag tttcatatgg tttgwc 456

<210> 34856
<211> 417
<212> DNA
<213> Homo sapiens

<400> 34856
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gcagtattaa ctgttaggtg aactttggga gggagtgggt gactggagca gtcaaaaagg 120
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gtcggtagct ttgggttttg actcatgcca atgcacagca ngttctttgc tgatgaatag 240
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acctcaaaat gattgctagt gcatacasat ggaatctaac aaaagtgrcg tgttttattc 360
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<210> 34857
<211> 353
<212> DNA
<213> Homo sapiens

<400> 34857

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cacttttctca	aacacaaacc	tcactatgca	actttggaat	ctctgtaggc	tcacctttgc	180
cattttcttaa	tattgcattc	kccaaattgc	kaatctctat	ccagtctctt	gaactagact	240
tggcacatgg	agattccgct	cagaaagtgc	tcttcacact	tctacctgct	tgactaaccc	300
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<210> 34858

<211> 337

<212> DNA

<213> Homo sapiens

<400> 34858

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gaagaatcaa	tattgtgaaa	atggccatac	tgctgaaagt	aatttataga	ttcaatggta	180
tctccatcaa	gctacctttg	actttcttca	cagaattaga	aaaaagtact	ttaaatttca	240
tatggaacca	aaaaagagcc	tgtatagcca	agaaaatcct	aagcaaaaag	aacaaagctg	300
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<210> 34859

<211> 218

<212> DNA

<213> Homo sapiens

<400> 34859

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tgagattggt	caatcagccc	atttgaaatg	ggtaaaaaat	actttcagta	aaataattac	180
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<210> 34860

<211> 388

<212> DNA

<213> Homo sapiens

<400> 34860

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gctggctggt	gctgaagaca	gacacactcc	tgagccaagg	tcttgtcttc	aacctccccg	180
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gctctcctgt	tttccctcag	ggtccagtat	gcctttgngg	cttttagctgt	tagaaaggaa	300
cccccgtag	ttgacacagc	tttcacagct	ggctgctagg	accggcgggc	tgggtgttca	360
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<210> 34861

<211> 328

<212> DNA

<213> Homo sapiens

<400> 34861

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tgctgatata	ttagaaatgg	catccctakc	gwabggastk	gaakgcttra	aattatacat	120
aaaatgcttt	atthagaaaa	cctacatgat	acagtgggtg	cagccttgcc	atgtatcagt	180
ttcacttgaa	atgtgagacc	aattaaat	caactgttta	gggtggagaa	agaggtagtg	240
grraacatgc	agatgaggat	atcttttatg	kgcaacagta	tcctttgcat	gggaggagag	300
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<210> 34862
 <211> 66
 <212> DNA
 <213> Homo sapiens

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	60
	66

<210> 34863
 <211> 434
 <212> DNA
 <213> Homo sapiens

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tagtatgtt	gatcagaaca
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atcactggga	ttgtctgtaa
	120
atgcagatcc	caaataggca
ttcagagctg	ttgtaatggc
atcattattg	gaagaatgat
	180
tcatttgaat	tcgtatattc
aattttttgt	tttaaaatct
catcatttga	cagtcttatc
	240
ctcaaaagt	atttttataa
agcttttttt	tttagaaaaa
tgtataaagt	tcccttcatt
	300
tcttagttgt	cagatatatt
agttaggaag	caggtaagac
tgctctaata	aagggatccc
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aaaakatagt	ggctcaaata
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	420
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<210> 34864
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 <212> DNA
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ttttgaattg	gtgcctgcct
atagagatat	attcacagtt
	120
caaaagtcag	gtgctgagag
atggtttaaa	gacaaattca
tgaagggtata	ttttgtgtta
	180
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<210> 34865
 <211> 303
 <212> DNA
 <213> Homo sapiens

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gttgtcctcc	agggggatac
ccacccacca	tcccagggtc
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tacaacatcc	acagccggac
cgtcaccgcg	tatcctgcca
actctatcgt	ggctgtagga
	120
ggctgtcctg	tctgcagggt
tgggtgtctg	gaggactgct
tcaccttcct	gggcatcttc
	180
ctggccatca	tcctcttccc
ctttgggttc	atttgctgtt
ttgccttgag	gaagcgacga
	240
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aggcccggct	ttcctatkcg
	300
cca	
	303

<210> 34866
 <211> 342
 <212> DNA
 <213> Homo sapiens

<400> 34866
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 gctgtgctat ttacaagggtt acattttttct tggccaggcg aggtgggtcat gcctgtaatc 180
 ccagcacttt gggaggcnad ggtgggcgga tcaacttgagg taaagagttg agaccagcct 240
 ggctagcatg gcgaaaccca gtctctacta aaaatacaaa aattagccgg gtgaaattag 300
 ccgggcgtgg tgggtgtgtgc ttgtaatccc agcbactcgg gc 342

<210> 34867
 <211> 297
 <212> DNA
 <213> Homo sapiens

<400> 34867
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 cccaaagccc tgcagttgtc tggactttta atttttaaaa tttttaaatt ttaaattaaa 180
 aaatggtatt ttttgagaca aggtctcact ctgctactca ggctgggggtg cagtvtgtgca 240
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<210> 34868
 <211> 67
 <212> DNA
 <213> Homo sapiens

<400> 34868
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 caagtct 67

<210> 34869
 <211> 238
 <212> DNA
 <213> Homo sapiens

<400> 34869
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 aaaagactct tccgtacatc attatttcca tgctaattgt tgtctgtgat ccagaataac 180
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<210> 34870
 <211> 71
 <212> DNA
 <213> Homo sapiens

<400> 34870
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<210> 34871

<211> 331

<212> DNA

<213> Homo sapiens

<400> 34871

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ctgcgcckkc	accccccgcc	ccaaacaagg	atgctcagt	acctgggtgga	attctgcgac	180
cagatggggc	tgcccgtgga	cttcagctcc	gcaggascct	caataaaagc	ctgacccaaa	240
catttggaga	tgacaagtac	tactggccc	gcaaggaggt	gctcaccaac	atgtgctccc	300
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<210> 34872

<211> 386

<212> DNA

<213> Homo sapiens

<400> 34872

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ctgggattgc	agatgtgcat	caccatgcct	ggctaatttt	tgtatttttt	agtagagatg	180
gggttdcacc	atgttggtca	ggctggtctc	gaactcctga	cctcaagtga	cccgcccttg	240
tcggcctccc	gaggtgctgg	gattacaggc	atgagccatt	gtgcccagcc	tatatagtgt	300
gaagctttta	ggaaaatcag	agcagggtag	acagctgtta	aaaacaatgt	ttaaattggaa	360
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<210> 34873

<211> 243

<212> DNA

<213> Homo sapiens

<400> 34873

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tgacgagaga	acgagattta	ccttcctgaa	ttaaaaaaca	gactccctgc	gacaaggact	180
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<210> 34874

<211> 68

<212> DNA

<213> Homo sapiens

<400> 34874

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<210> 34875

<211> 181

<212> DNA

<213> Homo sapiens

<400> 34875

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taagagccat	gtccaagcat	gactctaaag	gactatatcc	tttttattag	catggccatc	180
a						181

<210> 34876
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 <212> DNA
 <213> Homo sapiens

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<210> 34877
 <211> 426
 <212> DNA
 <213> Homo sapiens

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cagcctggcc	aacatggcaa	aaccctgttt	ctactaaaaa	tacaaaaatt	agctgggcat	360
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<210> 34878
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 <212> DNA
 <213> Homo sapiens

<400> 34878						
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gccctttcgc	agcagtggaa	gttcacgctc	aacctgcagc	agtaggagbg	gtccgggagg	300
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<210> 34879
 <211> 372
 <212> DNA
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<400> 34879						
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kttcaaaaat	
gacacagaat	
gttaagatgg	
aatagtttta	180
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aaaaaacttg	
ctaattcaga	
gtatcctcta	
gtccacgtaa	
tgtggtttag	240
actacatttg	
caaaattagg	
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ggccgctgaa	
ggacacttgg	
accgtccacc	
tgccccagcc	
caacagtcag	180
tcattctgtca	
tcagctcagc	
tgagcagccc	
tggatctttg	
ccgtactgtg	
actgggctct	240
ttgccctatt	
tttcctctg	
tctgtgcccc	
tggaatggca	
ggctgaagtc	
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 acccccacct cccgggctca agagatccac ccacctcagc ttcccaagta gctgggacta 180
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 <212> DNA
 <213> Homo sapiens

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 <211> 279
 <212> DNA
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<400> 34886
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 ttcataatgt tctttgaagg gtttaaaaca agatgttgat aaatctaagc tgatgagttt 180
 gctcaaaaca ggaagttgaa attgttgaga caggaatgga raatataatt aaktgatacc 240
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 tccatgaaaag ttttataaaa ga 202

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 tccatgtggc tagagaggcc ttacaatcat ggcagaaggt gaaaggcaca tcttavgtgg 240
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<210> 34889
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<212> DNA
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aggtctgtat atgatattgt gatatatgtc atatgtatgt atgatatcac aatattatcc 180
agccttaaaa aaggagatgg ggggaatgta taaacctaga gtacattttg ctaagtgaag 240
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mraataamgt caaatgcata gaaacagtgt aaaa 334

<210> 34890
<211> 416
<212> DNA
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tgcttaggtt gtgtgccag actgaatgca gtatgtttta ggctcaggac tcttgctggg 180
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tcacagcttt ggaagctgga agtccaaggt caggacactg gcagtttcta tgtctsgtga 360
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<210> 34891
<211> 88
<212> DNA
<213> Homo sapiens

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<212> DNA
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ccaccaatga gaaggccatc ctggagcaga acttcggga cctgggtgcg gacctggaga 180
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<210> 34893
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<212> DNA
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<400> 34893
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ttctgcatag caaaagaaac caccatcaga gtgaacaggc aacctacaga atgggagaaa 240
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<210> 34894
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 <212> DNA
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 gaagggtatg gaattttgtc aaatatattt tctgcattaa ttgagatgat catgtatttt 180
 cccttcattc tgtaaatgtg gtgtattaca ttgattcatt ttaaaaaatt agagatttat 240
 aatattttta ttttttgagc ctggtctcaa attcctaact tcaagtgatc ctctgtttt 300
 ggctcccag gtgctgggat tacagggctg agccaccact gtgcccgcc ttgatccatt 360
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 <212> DNA
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<210> 34896
 <211> 163
 <212> DNA
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<400> 34896
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 tatcagggta acaagttggc aattaaatcc aaaaccacag tta 163

<210> 34897
 <211> 408
 <212> DNA
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<400> 34897
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 ttctctcatg tttttccctc atgccccagt ctgctgccca tttctcttgg agggagtcac 180
 gttctttttc acctgaccat tgggttcttac cttttgcctg ccctttaaat aaatttcttt 240
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<210> 34898
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<212> DNA
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<400> 34898
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cttgctattc cctatctagg agccatcagt tttcttgtgc tgtagggaa ggatgaaaaa 120
ggagggatgg ctgggcacgg tggcgcaggg ctgtagtccc agcgaa 166

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<211> 232
<212> DNA
<213> Homo sapiens

<400> 34899
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agatcgctcg ggacctggac caggacggtg acaagcagct ctctgtgccc gagttcatct 180
ccctgcccgt gggcaccgtg gagaaccagc agggccagga cattgacgac ta 232

<210> 34900
<211> 282
<212> DNA
<213> Homo sapiens

<400> 34900
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agaggaggta agaggtattg gattttcaca gaggaagaac acagcgcaga atgaagggcc 180
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<210> 34901
<211> 223
<212> DNA
<213> Homo sapiens

<400> 34901
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cacatactgg ccactcctta tctctttttc ttgaaaagtg aactttttta agcagtcaag 120
tcaacatcag gctactgaag ttgaggcttt agggtaactt tcctatattg agcccatggg 180
ttacaaggat ttgcaatata ttgttcatt tacagccgaa tgc 223

<210> 34902
<211> 335
<212> DNA
<213> Homo sapiens

<400> 34902
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aagtgacttt ctattttctg ttttgaaatt ataaattttt ttttactact ttaatttatg 180
gaactattgt aagaaaacct tcatcccatg gatacctaaa gaaaagtatt aggcaataag 240
aatcagcaac ttacagatgg caaaaatagg ggagatatat tgctttttta agatattttg 300
aratatgatg ctattcagtg ttgtataaat attgc 335

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 <212> DNA
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 ccttagcttg ctttcctcct ccctcccttt tattttcaag ttccttttta tttctccttg 180
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 <211> 263
 <212> DNA
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<400> 34904
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 tctcgkkaac ctkctggaag cgggggattc caagtaccta gackctgagt ttacatggcc 120
 tcaagggttt tcaagaaatg atttcaggac aagctctgct ggagtgcaaa ggcgcgatct 180
 cggtmactg caacctccgc ctcccaggtk caagcgattc tcctgcctca gcctccagaa 240
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 <212> DNA
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<400> 34905
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 aacgagaccg tcccgccctc tcgcccggccc tccctctctc ccgcccgggc ccgcgcaatt 120
 ctenhccaga gggacagtcg gcccaatatg tcaagacctc tgatcactwv atccccctgca 180
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<210> 34906
 <211> 347
 <212> DNA
 <213> Homo sapiens

<400> 34906
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 aagatactat ggggtcaagt gtaactccat ggaaatgcc a gctctgctct tcagtgaaga 240
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 <211> 185
 <212> DNA
 <213> Homo sapiens

<400> 34907

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ataccatgag	ccccttaaag	acagaatccc	ctatagcatc	tacttcatgt	cttccacata	120
gtaattgctc	aatatttatt	ggattggaaa	aaagattagt	tttatcgtaa	tatgaataga	180
gccct						185

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 <212> DNA
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agaaccctgc	tattagcatt	gtttggtttt	cttttcaggt	gctgacctga	acctggttca	180
tccctttctg	acaaaaactg	ttcactcacc	gtggaaggga	ctaagcatcc	atatggagac	240
gccc						244

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 <212> DNA
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<400> 34912

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atgaagccac	cctgggtcag	tgtgggggtg	aagccctgac	aaccctggaa	gtggttggcc	180
gcaggtagga	gatggtgagt	ttataaaaaga	ctgtctattg	agtgcagcgg	aaatcatgtg	240
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<211> 313

<212> DNA

<213> Homo sapiens

<400> 34913

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<210> 34914

<211> 360

<212> DNA

<213> Homo sapiens

<400> 34914

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tggatttttt	ttttcttatt	ctatttgcct	gcagttgcct	cactcacctg	gaaataccgt	300
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<210> 34915

<211> 200

<212> DNA

<213> Homo sapiens

<400> 34915

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tacatacaac	ctagtttaac	cgattttacc	tttaaaaaaa	atctttgtga	cctaatact	180
taaactaatc	aaaatagctt					200

<210> 34916

<211> 247

<212> DNA

<213> Homo sapiens

<400> 34916

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ctcttgtcgc	ccaggctgga	gtatagtggc	acgatcttag	ctcactgcaa	cctccggctc	180

cctagttcaa gagattttcc cacttcatcc tcttgggtag gtgagctgtg caccaccacg 240
cccasct 247

<210> 34917
<211> 313
<212> DNA
<213> Homo sapiens

<400> 34917
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<210> 34918
<211> 378
<212> DNA
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aaaattttcc tgtaccct 378

<210> 34919
<211> 143
<212> DNA
<213> Homo sapiens

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<210> 34920
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<212> DNA
<213> Homo sapiens

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gaaaagaaaa ataaccaccc 140

<210> 34921
<211> 464
<212> DNA
<213> Homo sapiens

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 atggcattct tcagtgctag tatttgaaat tggaattagt acattgtgca ttcttagtag 180
 tctttatccc tagaatcaat tctctcagca tcaccaaact gaattgggtga aatagtgcta 240
 agattctggg caataggaag attagtgaat atgatacatt gattccaggg tgccagggat 300
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<210> 34922
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 <212> DNA
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<400> 34922
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<210> 34923
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 <212> DNA
 <213> Homo sapiens

<400> 34923
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 gcttccagca gtcgagcttc ggctttctgg gctcgcagaa gggctgcttg tccccggagc 180
 ggggcgggt 189

<210> 34924
 <211> 165
 <212> DNA
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<400> 34924
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 tgchtttatt atatccattt ctgtattcgt accagcacct cagcg 165

<210> 34925
 <211> 63
 <212> DNA
 <213> Homo sapiens

<400> 34925
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 aaa 63

<210> 34926
 <211> 187
 <212> DNA

<213> Homo sapiens

<400> 34926

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cgtgcaagga gagagaaaaat gggcagaagt ctgtccttga gacgggagas agaaggggtc	120
caacacagga atgggtgcmg ggctgcaggg acactgtctg tcctcacagg ggaggagcag	180
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<210> 34927

<211> 280

<212> DNA

<213> Homo sapiens

<400> 34927

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cctctctgac gccgggagtt gctccctaag atctgctgcc gcctttcgct ggactttccc	180
cctgggtgga gcggccgagg gggtttcgaa gcctgcgtat ccctgactct tcaccacagc	240
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<210> 34928

<211> 176

<212> DNA

<213> Homo sapiens

<400> 34928

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catattvmac atkcttctka tactwcctcc ctacctttat ctgacacaga aatgctgtat	120
gtccagaact tctatcagag gcacctatgg wwtcttaagg gaagaccaca tcgctt	176

<210> 34929

<211> 177

<212> DNA

<213> Homo sapiens

<400> 34929

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aaactggcgg attataatgg ggatgatggg aacgtaggtg agtatgaggc agacaagcag	120
gctgagctgg cttacaatga ggaagaagat ggtgatggg gagaggaaga cgcccaa	177

<210> 34930

<211> 220

<212> DNA

<213> Homo sapiens

<400> 34930

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ttgggcttct gtaagatatt ttgaagtttg aaaagcaaact actgaaactt taaccaagag	180
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<210> 34931

<211> 176

<212> DNA

<213> Homo sapiens

<400> 34931

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agaactcact	cgattccaaa	ttctgtcttc	tttcaggcaa	agcgctggcg	ttaatatatg	120
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<210> 34932

<211> 320

<212> DNA

<213> Homo sapiens

<400> 34932

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gctgaaggac	ctaaactgcc	ccttcctoga	gggtctgtat	atcacagagc	caragacaat	180
tcaggaaactg	ctgtgcagcc	cctcagagta	ccgcttggag	atcctagagt	ggatgtgtac	240
ccgggtcttg	ccctcactgc	aggacagggt	cagctcactg	aaagggtccc	aacagagggtg	300
aagatccaag	awatgccggt					320

<210> 34933

<211> 290

<212> DNA

<213> Homo sapiens

<400> 34933

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acaggccctg	gattttcagt	gaggatgtgg	atctgaagag	tccccaaat	gcctctgaag	120
tctgacatct	ctgcttagcc	ctaggagtct	ggttccctgc	cttcagttgc	agagtgtatg	180
gtttgtgtca	ttgttgatgt	cacctcctaa	aaagaccttc	actttctggc	tgccacaaag	240
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<210> 34934

<211> 354

<212> DNA

<213> Homo sapiens

<400> 34934

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atgcctcaat	ggcattgggtg	gggctccac	cactccagcc	accaattgca	aagaggatgg	180
catagggcaa	gcgtgggtctg	gtgagtgggt	tggtgaaatc	agaattagag	ggtccattca	240
tggttagagtc	atacatggcc	tttagggcat	taatgatgac	tggtttgcat	tcctcactgt	300
ccttgacata	gtcattcatc	ttaacattgt	tcatgaagta	ctcagcatgc	atta	354

<210> 34935

<211> 298

<212> DNA

<213> Homo sapiens

<400> 34935

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gtaataaagc	tggacctggg	actcgtgagg	aaggaatgtg	cttggggctg	ttgccatacc	180

tgtgcagcat tctttcaaaa tagtgccttc caatgcttct tccttatgtc ccacagacag 240
gatcatcact aagaagcgtt cttaaaacgg ccccatccag tgagattttc cgttatac 298

<210> 34936
<211> 355
<212> DNA
<213> Homo sapiens

<400> 34936
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agtgttgagt gcttttttac tgggagaaaa atcctagcag aacctgctac tctgggcgca 180
ttaggtagtt ttatgcaact atagtattaa gagttttatt ggaagavaaa acactgtcag 240
agcttactgc tccagaccgt yttttttaat agargagact ggtaaaaatg atgcaggggc 300
tgaatgaaag ccagctctgc tccagtggct ctctgagttg agcatgcac agtta 355

<210> 34937
<211> 282
<212> DNA
<213> Homo sapiens

<400> 34937
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ccggctcccc gggcccccac ggggggcgtc tcgacgtgt gcggccgccg agtttcggtt 120
gttccagaag aaacctggga aacaaaagac tatgtttgga acacgatgtg gagaaagcca 180
gaacttattc aaacacttca gcagctgcaa atttcaagag cctactgtac tgaaggctgt 240
tctgcagtta cattcccctc tgggagacag taaactggcc ca 282

<210> 34938
<211> 175
<212> DNA
<213> Homo sapiens

<400> 34938
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gtggccaatt tgtgcctcaa ctcttggcc atctctagc taccaaactc aagcgtttcc 120
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<210> 34939
<211> 177
<212> DNA
<213> Homo sapiens

<400> 34939
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cagtcattggc tcaactgttc cttaaaactc tgggctcggg cagtcttct gtgttagcct 120
cctgagtagc tgggactgca ggcatgtgcc accatgcccg gctaattgtt taatttt 177

<210> 34940
<211> 174
<212> DNA
<213> Homo sapiens

<400> 34940

cctataatgc tatcagaaat aattgctaaa attctaattt tatgctttta atatttttat 60
 tgaaaaatac acaattatit aaatcttcta ggtcatacag acatattttc catcaaaaag 120
 tttgtaccat tttttactgt aatcaccact ctccatgcc acaagaatac cagc 174

<210> 34941
 <211> 378
 <212> DNA
 <213> Homo sapiens

<400> 34941
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 gtgtgatcgt gcgtcagagt cggggctgag accagccctg gccagggcag ttaccaggac 120
 ggtctccgga ggccgggatt cgcggagggt ccaccagcag gaagaaacc caggaggaag 180
 aaacctcaga cagatcgccg gggaggcagc gcgggatccc agcctcaggc gtgcgcggac 240
 ggtgtgcggc tacccaagg gcgaaaaaga aagaaggcca aagggaagaa ggtggtgcta 300
 kbccttgccg tcttgaaaaa gcaggagacc atgaaagtgg tgaatcttcc atttgagaaa 360
 tttggcactg gacaggac 378

<210> 34942
 <211> 187
 <212> DNA
 <213> Homo sapiens

<400> 34942
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 gtcaggaata agctgcttct gagagagggt gatgtcttca ccacagcaga tccccagga 120
 gaagtcatcc ttgtccagcg gacacgcgga ggcgctgtgc tcatgctggg atgcagacca 180
 tgcccca 187

<210> 34943
 <211> 197
 <212> DNA
 <213> Homo sapiens

<400> 34943
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 atcagaacat cagaactaca gaggaatcga gagaacgggc ccaaaatgtg tagggacctc 120
 agccacatgg cgccacatgg aggaaagcac ccaacatcat cactgtatga acctgtttaa 180
 acacacacac acatcac 197

<210> 34944
 <211> 172
 <212> DNA
 <213> Homo sapiens

<400> 34944
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 tggcatctga atagaagctt agctagagaa gtggagttag agtccctatt ttaatgaact 120
 acatatatit ttcaatcaaa atgtgtaatt atttaattat ctagcctgct ct 172

<210> 34945
 <211> 191
 <212> DNA
 <213> Homo sapiens

<400> 34945
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cggagtggcg tgcgggtcag ccaggggtctg cgcctcgag ccactgtgga aggagcgcg 120
ccggtccagg acacaggaga ccactttgtg acttcaatgg cgaaggccaa attcagataa 180
tcgacgccag t 191

<210> 34946
<211> 370
<212> DNA
<213> Homo sapiens

<400> 34946
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gtattcatga ttaggagttt gtaagtagga agtgggtttt ctgtatgtac catatatcca 120
gttcatttca gttttcaaac taaaatccat atgtatttgc tgagaaagtt atttgaaatc 180
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tttgctttgc atttcaattg tacaaagtgt ttccaaaara atggttatag attcgactga 300
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gttattatgt 370

<210> 34947
<211> 228
<212> DNA
<213> Homo sapiens

<400> 34947
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cttctgaag acctagaggt bactttmmts ttrtaagcac attcttcaga ttgtcgtgtg 180
ggtgggtaac ttscgcbaga sttttctgga gatggntaat ccagccgt 228

<210> 34948
<211> 391
<212> DNA
<213> Homo sapiens

<400> 34948
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tgagagatga ggatccagtt tcattcttct atttgtggct tgccaattaa cccagcacca 120
tctgttgaat aggggtgtct ttccccactt ttttgtttgc ttgccgaaga tcagttgact 180
gtaagtattt ggttttattt atgggttctc tattctgttc cattgggtcta tatgcctgat 240
tttataccag taccacactc ttctgggtgac tatggnettg tagtatagtt cgaagtcaga 300
taatgtgatg cctccagatt tgttcstttt acttarcyc acytlggcyt tgcagatttg 360
ktctttttac ttagtcttgc tttggctatg c 391

<210> 34949
<211> 197
<212> DNA
<213> Homo sapiens

<400> 34949
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tttaagcagt agactccctt tagtacggcg ctgtgagcct ctgagtgaat ctgctacatc 120

cattccaccc acgggtcttg aaacttgtct gtttaccttt ccctaaaaac ctaagatata 180
tttttaagaa gtgcctc 197

<210> 34950
<211> 326
<212> DNA
<213> Homo sapiens

<400> 34950
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ttcccttaat aatatttatg ataccaggac agtgagggtg taagagcaaa tgtagtgagg 120
tattcaaaaa tcctgcatat atggactcaa aagttcttta gttatttgaa ttatatatag 180
ctatattatt ttattagctt ggggtgtcag aagattgcca attttaagag taaagaggag 240
agagataagt aataaraata gaggagggga agaaaatggc tcccttactg gtcttagtaa 300
tcttctatat agttaatgag ctaaaa 326

<210> 34951
<211> 325
<212> DNA
<213> Homo sapiens

<400> 34951
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acatacattc taatcacaat tggaactgtt tcaaccaca acttttact catcttcaga 180
atggaagata tgaaggtaag attgtcagaa atgtggaatt cacgggccag agggagggga 240
tagacaaaca ctaaatgacc agatctcttt ctgggacaca ctgggcaggg cctgtttgca 300
gggaaagtgc agagatccta gggcc 325

<210> 34952
<211> 306
<212> DNA
<213> Homo sapiens

<400> 34952
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atgcaaagac cttgcctggc ccggtggcaa gcgctgaaaa accgaccgcc tgtaggctcc 120
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gtatttgctt taagatttca tatatatata ttttttgca ttgactgctg agagctcctg 240
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<210> 34953
<211> 339
<212> DNA
<213> Homo sapiens

<400> 34953
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gggctttcag cagtacctga aatataagtaa gtgttacata tatgtttact ctttttattt 120
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agagagactg agtctgatg acatcattta tttacctaga cctagctgct tgtgaataga 300
gccctactgt gctgaatagc ttctgtctgc tcttttcta 339

<210> 34954
 <211> 258
 <212> DNA
 <213> Homo sapiens

<400> 34954
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 tccattgaga actaaggatc tcaccttcta ccaattcttt tgtcccataa tacatctgac 120
 atccttataa aatactttct agccctaacg gggcttgat acacatgcat gcwtgcactg 180
 gtgcacacac acacttgttt cactaagaaa aatatgtgar agcttgata tctttttgag 240
 tattaatttt tgagcccc 258

<210> 34955
 <211> 320
 <212> DNA
 <213> Homo sapiens

<400> 34955
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 aagaggccgt ggtgggacta gaatcccagt gccgccccca agagttggac caaccacccc 120
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 aaggaagccc tggaagagct ccaatcaacc ttcggcttcg gggamcacgg gmtgtgtcca 300
 ctgctcctga tctgcagagc 320

<210> 34956
 <211> 270
 <212> DNA
 <213> Homo sapiens

<400> 34956
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 atatgaatat accagagtat aatctgtcat aggagaggtc aagccaagtc ttaggtcttt 180
 cagttagaat ttcatacaat agtacatttc ctttttgagg tgtgtatcat actatcttta 240
 gtgctagarg taatacttta gccaaagcaga 270

<210> 34957
 <211> 83
 <212> DNA
 <213> Homo sapiens

<400> 34957
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 tgagatctag cttttttttt ttt 83

<210> 34958
 <211> 464
 <212> DNA
 <213> Homo sapiens

<400> 34958
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gtttggagga	hvcaggccta	caggttctta	ggccactgca	ttctctgggt	tcatgggtgtg	120
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gcttggtcca	ttttaatcac	aagccagctg	gtctgagggc	acgggggtat	gtgccaagga	240
agatggatatg	tgggggtaga	aatggggccac	tggggtcwrg	tcaggtgtga	gaagaggaag	300
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tgcataaata	tatgtgtata	tatatatatt	ttacagtgc	caaaggcctg	caagttctgt	420
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<210> 34959

<211> 318

<212> DNA

<213> Homo sapiens

<400> 34959

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tgtccatgca	aatacogato	tctgacgaag	gagcatcctt	cttctgggaa	gagcagccac	120
tacttcctct	ggaaaacctt	ccttaattgc	tttatatact	tatattcaca	cataatttta	180
cataaattta	atgtttataca	ttttctgtaa	tcattgtttt	tacctatttt	ttcttaattg	240
gaattgtatc	acagtttgat	ctgggaagca	gaacgacttt	aatgatata	gaaaagggat	300
tatcagccag	gcgcgacg					318

<210> 34960

<211> 277

<212> DNA

<213> Homo sapiens

<400> 34960

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caagaaggag	gtcccaaagc	ccaaggtgga	ggagaagaag	gaacctgctg	tcgaaaagcc	120
caaagaatcc	aaagttgaag	ccaagaagga	agaggctgaa	gataagaaaa	aagtccccac	180
cccagagaag	gaggctcctg	ccaaggtgga	ggtgaaggaa	gacgctaaac	ccaaagaaaa	240
gacagagggtg	gccaaagaag	aaccagatga	tgctacc			277

<210> 34961

<211> 197

<212> DNA

<213> Homo sapiens

<400> 34961

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tccccataca	caattgccct	cgcttttagc	ctccgggtc	ccggcgcaga	gcccaggggg	120
ctgctgtctc	ccacgtcact	gctcaattat	atgcaccgag	aaagagaagg	gacagacctt	180
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<210> 34962

<211> 236

<212> DNA

<213> Homo sapiens

<400> 34962

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aaaaatttat	tatttctaac	cctttctcga	atttcgttac	ctatgttttg	taagcttttt	120
tcttccactg	gactcattgg	gaactttcca	aaattgtgca	caatttcac	attttatttc	180
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<210> 34963

<211> 207

<212> DNA

<213> Homo sapiens

<400> 34963

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aatgtgatag	tttggatgaa	gtgggcaaat	ttcttgaaaa	atagcaaacc	aacacaagag	120
gaaataaaat	ctcaatatct	ctatatcttc	taatgaaatt	gaaacagtaa	tttaaaatca	180
cccagaaaaga	aaattctaga	ctgtact				207

<210> 34964

<211> 272

<212> DNA

<213> Homo sapiens

<400> 34964

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cgacctgaat	ctgaaagtgc	ttctaaaccc	catgcttcac	agaacgttcg	gagggggagg	120
cgctccgtgg	gggctgctgc	gtgcccattg	agccgaactg	actcgaataa	aagcgtgtcc	180
acgtctacat	cacacatctg	tgtaaatgca	gaagcctkyg	gatgcgcggg	gctggccaga	240
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<210> 34965

<211> 202

<212> DNA

<213> Homo sapiens

<400> 34965

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aggctgaggc	aggagaatgg	cgtgaaccca	ggagatggag	cttgcagtga	gccgagatcg	120
cgccaatgca	ctctagcctg	gacgacacaa	ggagactcca	tctcaaaaca	acaacaacaa	180
caacaacaac	aacaacaaca	ac				202

<210> 34966

<211> 181

<212> DNA

<213> Homo sapiens

<400> 34966

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ttttgatcaa	tacaatcttt	cttaagatac	agtaatat	ttcttcttta	tttctttccc	120
tccttccctc	cctccctcct	tctctctctc	cttcccttct	tttccctttc	ttcttttctt	180
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<210> 34967

<211> 321

<212> DNA

<213> Homo sapiens

<400> 34967

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rgctagagat	ctcagagaaa	tagctggctt	aacaatgaca	gaacagctta	aaatttgtgc	120

ctacaccatg	ttctgagagt	cgttcacatc	aaattcttat	cttttccaag	ccagtaagtt	180
ggcttctcca	ttcctggtgt	ctgatattct	tgacaatcat	cagcaacaaa	gatcacagca	240
ctttccagaa	gcatggagct	tcagaaagtg	ccagtgaact	cttggctctc	agtagtgaga	300
tgawaacagt	gttataatgc	a				321

<210> 34968
 <211> 318
 <212> DNA
 <213> Homo sapiens

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tttactagta	aaagcagctc tgtacctcac actgtgaaac aattttacag ttcttcaaaa 120
aagagtttct	caagcacatc taggggatct agaggcccgt ctggaacatc gaggttccag 180
aggcacttct	aggcgaaatg gcattgtcag aatcccttca tgtggaggca gaattggggc 240
tcagcttttg	tcttagtgct gtttttacct ccaagagatt cacttatgct tccataatgc 300
aggaagaamc	yticgcttt 318

<210> 34969
 <211> 305
 <212> DNA
 <213> Homo sapiens

<400> 34969	
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gccgagatgg	gtggatcacc tggggtcagg agttcaagat cagcctggcc aacatggtga 120
agtcccgtct	ctactaaaga tacggaagtt ggctgggctg ggtggcgctg gcacctgtaa 180
tcccggctac	tcgggagggt gaggcaggag aatcgcttgg acccgggagg ccgaggttgc 240
agtgagccga	ggttacacca ttgcactcca gcctgggcaa caagagtga attcttgtct 300
caaaa	305

<210> 34970
 <211> 274
 <212> DNA
 <213> Homo sapiens

<400> 34970	
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gacctacagg	tttgtctctt ccagatcaga actgaggaac aaaaaccccc atcctgggaa 120
aaatggggaa	gctgatagct gatcagcttc cttgggtttt gctgatgaca caagagagct 180
ttgcctgaag	atggaaacac tggagtcaga actgacctgc cctatttgtc tggagctctt 240
tgaggaccct	cttctactgc cctgcgcaca cgcc 274

<210> 34971
 <211> 273
 <212> DNA
 <213> Homo sapiens

<400> 34971	
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caaaaagtctg	cagcttcagt cctgaagcca gcgagaccac gagccaccag gaagaacaaa 180
caaactccwg	acacgccacc ttaagagctg tgacactcac cacgagggtc cgcggcttca 240
ttcttgaagt	cagtgaagacc gataaccac ctt 273

<210> 34972
 <211> 189
 <212> DNA
 <213> Homo sapiens

<400> 34972
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 tggagagttc ygtagatgtc tatbaggtcc gcttagtgca gagcygagtt caattccygg 120
 gtatccytgt baactttcyg tctcgttgat cygtcyaaag ttgacagtgg ggtgttaaag 180
 tctccatt 189

<210> 34973
 <211> 385
 <212> DNA
 <213> Homo sapiens

<400> 34973
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 tatgacctag ccagccttca cctgggactg ccacatcccc agtgaaatca gcatgtttct 120
 cggtgcagat ctgaaatcac atccagctcc tgatgtttt ttctccctct gactgcagag 180
 gaagtgttcc tacctgcagg aaggcacctg tcatacaggg cgttcactca gaccatctgt 240
 gctctgccct gagttcagtt gagaaaaatcc tattatcaaa tttggatttc ctggccccag 300
 aacttcccaa rgacctgtaa aatggaggga tttaccacct cacatatgtc cagttaarca 360
 gtttgtggac ttgtaaccgt cgcca 385

<210> 34974
 <211> 251
 <212> DNA
 <213> Homo sapiens

<400> 34974
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 ccatacctggc caatgtggtg aaaccccgtc tctactaaaa atacaaaaat tagctgggcg 180
 tgggtggcgca cacctgtagt cccagctact tgggaggctg agccaggata atcacttgad 240
 yycgggaggt g 251

<210> 34975
 <211> 150
 <212> DNA
 <213> Homo sapiens

<400> 34975
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 ccagatgggtg atggcggttg aaacagctac attgaagata atgatgatga cagcaaaatg 120
 gcagatctct tgtcctactt ccagcagcca 150

<210> 34976
 <211> 321
 <212> DNA
 <213> Homo sapiens

<400> 34976

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ctgaatcaaa	atatttgcta	aaatctgtct	ttagtatgtc	agttaagggtg	aactacattt	180
aaatataagt	vgtataattt	tgttacacat	tarccttaaar	vtgagtaatt	agatttttva	240
atgtttgtta	actatacatg	avtgacatac	caaatgasat	cttaaggmga	gagagcacat	300
tcagtgtgac	gtcatgaatg	a				321

<210> 34977

<211> 295

<212> DNA

<213> Homo sapiens

<400> 34977

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ccagtgaac	gccctgagtg	acggaaagag	gtctggcggc	ttctctgttg	acaactcagc	120
tggttccaca	ccctggcaat	tgtgaagagt	tggccaaatg	tttgtccact	gagctgatct	180
cctctctgga	gcaccgaggc	caccagkagg	gagccawgac	aatgcwaact	ssagtgaaca	240
ttcccgtgcm	tgtgctccgg	ctgtcccggg	gycctgatgg	cttcagcgtg	gcttt	295

<210> 34978

<211> 149

<212> DNA

<213> Homo sapiens

<400> 34978

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<210> 34979

<211> 94

<212> DNA

<213> Homo sapiens

<400> 34979

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<210> 34980

<211> 178

<212> DNA

<213> Homo sapiens

<400> 34980

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<210> 34981

<211> 257

<212> DNA

<213> Homo sapiens

<400> 34981

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ctgatacaag	ttactatact	actactggaa	gtgaaatttt	gctaggtatg	tgttttaatg	120
tatagataca	caaatttatt	taagcttcat	gattcacata	ctgctgtatt	ccaatttaaat	180
tcttaaatta	tgaggagaag	aagtttgtga	gaagtaggag	tacagtttat	aaraatttat	240
cagaaattat	gagtact					257

<210> 34982
 <211> 203
 <212> DNA
 <213> Homo sapiens

<400> 34982						
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catctcccag	ctgcacgctc	gggcccggct	cagagcccta	agccctgcct	cccgtcctg	120
gccgggtttc	ccagaactgc	acggcgccct	tccgcccagg	ccaagcgcg	agccctcct	180
ccacaccgga	gtcccagccc	cgc				203

<210> 34983
 <211> 277
 <212> DNA
 <213> Homo sapiens

<400> 34983						
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cgtccgtgca	ttttggaaac	tcagagccaa	cccacgcttg	gccaatgcta	ccaagcgtct	120
tctgaccact	ggccaagtct	cctcccggag	ccgcgtgcag	gtgcaaaagg	cctttgcggg	180
awyaacactg	gcgatgacca	aaaatgctcg	cgtgctggga	ggtgtgatgt	ccgccttctc	240
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<210> 34984
 <211> 145
 <212> DNA
 <213> Homo sapiens

<400> 34984						
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atatgtgtgt	ttgtctttgg	aggggtggcgt	gtgtggagga	tgggtgtgtgt	ggagggcggt	120
gtgtgtggag	cgtggtgtgt	gtgga				145

<210> 34985
 <211> 167
 <212> DNA
 <213> Homo sapiens

<400> 34985						
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taagacttac	tacatrratc	akgagtcact	attgacatct	actatatcat	atcataggtt	120
aggtatctaa	ttataaatag	tcaaatcagc	tgactcaagg	tggcata		167

<210> 34986
 <211> 284
 <212> DNA
 <213> Homo sapiens

<400> 34986

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gcaccactgc	aggataaccg	aactcaaggc	ttaattaacg	gggcactaaa	caaaacaacc	120
aataaagtca	ccagcagtat	tactatcaca	ccaacagcca	cacctcttcc	tcgacaatca	180
caaattacag	taagtaatat	atatractga	ccacgctcac	cctcatccag	tccatactga	240
tatTTTTgca	aggwactcaa	tcctTTTTta	atcatccctc	gcat		284

<210> 34987

<211> 174

<212> DNA

<213> Homo sapiens

<400> 34987

cctttaaggt	cttttgaagt	gttttagtgt	atgcagttcc	cagtcattgt	gttttgctgc	60
aggtgtttgt	ctttttcttt	ttcctctgcc	atctagctac	attttactgt	tatccagggtg	120
tctgactctt	ctagttgcca	cacacctaaa	ttccatgttc	acttctcata	cctc	174

<210> 34988

<211> 203

<212> DNA

<213> Homo sapiens

<400> 34988

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taatgtgctt	taaactacat	tagaaaagct	tctcatagca	aaactgagag	attgaagcag	120
tgattatTTT	tacatagtTg	tcattaaata	tttgagctc	tgctgtgcat	agagatggca	180
acatacttag	aatacacagt	ctt				203

<210> 34989

<211> 276

<212> DNA

<213> Homo sapiens

<400> 34989

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cattaatggg	cctcatctga	ctcctgcatt	gtgtcttatt	tttctgcatg	gattggcata	120
agaccattac	taaaatttgg	cacctgtgag	atgtttgata	ttatgaacag	gaaacataat	180
ttaatgtatg	aatagatgtg	aatttgggat	ttcaaaatag	atgaataaca	actatTTTat	240
agtaaagtta	ttgaaatgga	aatgaaaaca	gccaga			276

<210> 34990

<211> 236

<212> DNA

<213> Homo sapiens

<400> 34990

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tgacccaag	gatatattat	kttattccaa	ganagatcag	gtaggcgaaa	agatgacagg	120
atacagagtc	aatccataaa	ctanatatTT	atractgttc	tgaattatac	agagtctaav	180
aatatgtgtc	agctacttca	ttcctgtraa	tactcttgct	gtgttataaa	tatggc	236

<210> 34991

<211> 349

<212> DNA

<213> Homo sapiens

<400> 34991

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gatgaggg	gg	gcactact	gt	acttagga	at	acaactatat	acatatgatt	ttat	tttttaa	120
gaccatatta	tatt	tg	ggta	tctactaata	ttttgtataa	agcaat	tttt	tg	ttccatta	180
cgtgactttt	tg	ttttattg	tatatgtaat	ttaacacaca	ataaagggt	aagttgcttc				240
cccaaaccac	act	ttttaatc	aaaacctaga	atcatctgca	gtccttggt	aaaatgcagg				300
tttctagaac	cctctgaag	tctgattaar	taaatttatt	gcaacbact						349

<210> 34992

<211> 353

<212> DNA

<213> Homo sapiens

<400> 34992

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cagcacctcc	tac	ctcg	gct	ccaagatcat	caaagcctct	gagcagggtcc	tcagcctagt		120
ggcccagttt	caaa	agaaca	gcaagctctg	acagtaaacc	tctcctaaag	cacagggccc			180
cggttaagaw	aac	gatcatt	ttcaggagg	g	ccgggagtt	atgtatctga	agcagctttc		240
caagcaaagc	caa	agttgac	tgtgttcttg	tcccgagcc	ggtccacact	gtgaggccag			300
gcctcarctt	ccct	caccct	gggcgtgaca	tgcacccagt	gcaagacggt	tgt			353

<210> 34993

<211> 226

<212> DNA

<213> Homo sapiens

<400> 34993

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agagaaaggt	tg	agtacgca	gtgtcattgg	gaggtttagtg	tacacatgcc	aagaccaacc	120
caggggaagcc	ccagtgcctt	tcttcttcaa	gaagcctttt	cacactaaac	aaattcccta		180
gactattcct	gtctaaacac	tatcgcaatg	acacgcctcc	cttgat			226

<210> 34994

<211> 55

<212> DNA

<213> Homo sapiens

<400> 34994

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<210> 34995

<211> 247

<212> DNA

<213> Homo sapiens

<400> 34995

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aacaaataga	atatttctct	gaagaaaaag	ggaaaaacatt	tcatttgatt	ttgaatgaga		120
gggaacataa	tagatttgag	catttgagg	actggatttc	tgaattttga	atggtaggat		180
ggcttcgttt	tcagttaatt	attaccacag	atctaaattt	atgcagacac	cacagataga		240
cagggcc							247

<210> 34996

<211> 56

<212> DNA

<213> Homo sapiens

<400> 34996

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<210> 34997

<211> 262

<212> DNA

<213> Homo sapiens

<400> 34997

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tgccgaaagg tacactttat caattgtagt ttattactaa agacttgga ttccaactcc 180
aggacccttt ctttctctac agaaatgcca gtttgaattg tttatagttt gaattgtttt 240
gtgtgcttat agttatgtca gc 262

<210> 34998

<211> 291

<212> DNA

<213> Homo sapiens

<400> 34998

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gcctgtcttc ggacatccgt tcagcagaca ctacctcttc gtsacccccct gccaccctg 180
acccgccttt acctcgcgtc tagaggacac agccagggat catcccgag ccccgaaactc 240
cttcacagac ccccaactagc tggggacgca gctcaggccc cctaccccca a 291

<210> 34999

<211> 184

<212> DNA

<213> Homo sapiens

<400> 34999

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tcctcctgtt agatgacagg taatgatatc caatatgara ttttcattat agtaatgcct 120
aacattttatt gagtgttgtg tgccagaraa tgttctgagt tctcctcatt ccaatatgtc 180
aagt 184

<210> 35000

<211> 246

<212> DNA

<213> Homo sapiens

<400> 35000

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acagactata gaggttgcat gtcacacagg agagtcagac tcagcactgc tttactttgg 180
agagccgtct gatcatggaa tgcagtcaaa acccagcatt tatctttgga attgaaatac 240
gaagct 246

<210> 35001
 <211> 244
 <212> DNA
 <213> Homo sapiens

<400> 35001
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 ggaggatata ctctccaggg gggttcctgtt aaaaaccaga gcttcagctt ccaaaattac 120
 ggctgagctt cagtttttcc acaagagatt gcctaaagga accatggaga tcagaggggc 180
 actcgatctg cgaaaaaggc aagtttctaatt attccttggt ttgctgggat tgtctcggac 240
 aggc 244

<210> 35002
 <211> 161
 <212> DNA
 <213> Homo sapiens

<400> 35002
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 tgtatgtctg acaaggagga aagamgarra aagcccgcat a 161

<210> 35003
 <211> 391
 <212> DNA
 <213> Homo sapiens

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 atgaggggtg aatatttgag aatgagatta gtgcccttgt gaattaggcc tgagagagat 180
 cccctcatct caccatgtaa ggacacagca gaaggtgcta tctttgaacc aggaagtgag 240
 cccttgccag aactgaacc tgccgatacc tcaatcttgt ccttctcagt ctccagaact 300
 gtgagarata aatttctggt gtttataaac cacctagttt gtggtatttc attaaagcag 360
 tgtaaacaga ctaagacact ccccatatgg a 391

<210> 35004
 <211> 361
 <212> DNA
 <213> Homo sapiens

<400> 35004
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 mccaagagtt aggagggcca gggaattaat attttgttga gtatccactt gatttttaggt 180
 gctttatgtg gcattttctt gaatctatgt aatacttcta ttaggttagat atcatacttg 240
 tgttatrgat gaggaaaata gggtcaagta acttctctag agtcatatga ttagaaacag 300
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 t 361

<210> 35005
 <211> 64
 <212> DNA

<213> Homo sapiens

<400> 35005

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ttca 64

<210> 35006

<211> 281

<212> DNA

<213> Homo sapiens

<400> 35006

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aaagaggtga ccagaagggg tagagctgag caagagaggt tcctgccctg agccctgcat 120
tttagagtgc ctaagggttac atacatacac acacacacga gttaaagaag acatggatac 180
cataaccaga cacatgagtt aaagaagaca tggataccat aaccaaagac attactagga 240
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<210> 35007

<211> 290

<212> DNA

<213> Homo sapiens

<400> 35007

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tgacctgagg tcgggagttt gggaccagcc tggccaacat ggtgaagccc tgtctctact 180
aaaaatacra aaaaaaggct gggcgtgggtg cctcacacct gtaatcccaa gcactttggg 240
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<210> 35008

<211> 227

<212> DNA

<213> Homo sapiens

<400> 35008

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ttaatctgct tcttatagaa gctaggatgc aagcagaact cctttatgct ctgagagcca 120
ttaccgcta tatgacctga tgcttttctt tcattaaaga tgattctgga atgatcagca 180
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<210> 35009

<211> 373

<212> DNA

<213> Homo sapiens

<400> 35009

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aggtttcctt aatgataggg acctaataat ttgttttaaa aaatttgtct tggctgggag 180
cagtggctca tgctgtaat cccagcactt taggaagcca acattggagg attgcatgag 240
cccaggattt cgagaccagc ctgggcaaca cggtgaaacc tcatctctac aaaaagttaa 300
aarattaacc aacgtggtgc cacatgcctg taatcccagc tgcttgggag gatgangtga 360
gaggatttct tga 373

<210> 35010

<211> 116

<212> DNA

<213> Homo sapiens

<400> 35010

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<210> 35011

<211> 306

<212> DNA

<213> Homo sapiens

<400> 35011

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atattctgtt	atgattcagt	gttgcaactgt	aaacagagtg	tttagaaatt	ggggtttgag	180
aagtgtaacg	gctagtttcc	ttaaaagana	aaaaagattc	aatgcttg	tttgcggtg	240
gagctttttg	taaattaatc	aaattgagtg	cagtgggagg	ggtgattcat	taagtagaga	300
gctggt						306

<210> 35012

<211> 280

<212> DNA

<213> Homo sapiens

<400> 35012

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gactgtctca	aaaatacttt	gctctcttct	tctttttgt	tcattgggaca	tggtacctaa	180
gcaaatagga	gttggtttg	gtttttctcc	taaaataatg	ctcaatactt	acctaataca	240
atggcatcca	tttgaataaa	atgacaataa	ctaaaagcta			280

<210> 35013

<211> 253

<212> DNA

<213> Homo sapiens

<400> 35013

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tgctctgtcc	gtggacctct	accttctgga	ctccctacgg	gtgcagagca	cttgggtttc	180
tctacagcca	tcgtggccca	cttgacactg	tgctcctcca	tcagctggtc	acatgccaac	240
acgttcccag	ccc					253

<210> 35014

<211> 337

<212> DNA

<213> Homo sapiens

<400> 35014

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ctgtgtacta	taaagtattt	ttattggtat	ttagtcttgc	tgttattggt	gctaattgatt	120
gtattgaata	attaccagct	gttggttagt	atttgaaatt	aggtgcctaa	agcaacctct	180
catcttgcag	aaagtcatct	ttcttgaaac	tttttaaaaa	cttgcttgaa	acatggagac	240
ttggaatggg	acgtctatca	tagtagcaca	tctgaratcc	ttctcattcc	tgctgtcatt	300
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<210> 35015

<211> 226

<212> DNA

<213> Homo sapiens

<400> 35015

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cgcacttcc	tggcgggcgc	gctcactgcg	ctccttcccc	tgscagagct	tagaagcaaa	120
gttaagagac	tcatcagatt	ctgagctgcg	gcgggatatt	ttgcagaaga	ctgtgaagca	180
tcctgtgtgt	gtgaagcacc	cgcgctcagt	caagtatgcc	cgggtgc		226

<210> 35016

<211> 185

<212> DNA

<213> Homo sapiens

<400> 35016

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tggaacact	ttcagtttcc	caagttaaaa	catgaaattg	cacatcatca	tttgatccc	120
caaagaggaa	aagaaaaatt	cacaacctgc	cagtgaata	ctcaggccac	ttggatgaag	180
acgcc						185

<210> 35017

<211> 274

<212> DNA

<213> Homo sapiens

<400> 35017

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gctctcatta	tttttaaatg	atttaagaac	gggtaaagat	cttacagcgt	atactgcagc	180
tctaatagtt	ctctgcttac	tgcttgtaa	taagagtatt	aaagacagat	gggcaaggcc	240
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<210> 35018

<211> 180

<212> DNA

<213> Homo sapiens

<400> 35018

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<210> 35019

<211> 107

<212> DNA

<213> Homo sapiens

<400> 35019
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<210> 35020
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 <212> DNA
 <213> Homo sapiens

<400> 35020
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 agaaagatgg acacgctcaa gaaaggcacc ccggcccggga cacgggaaag acacacagag 180
 agaggcagga agactcgggtg acacgcactc ttgggcaaga ccgcgactca gacccccaga 240
 ccccccgaga gacgccgaag acccagacag agccasgcag ccc 283

<210> 35021
 <211> 237
 <212> DNA
 <213> Homo sapiens

<400> 35021
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 ataagtaatt gcttaattta agaaatgaag tatatTTTtcg tgtattattt gtagaatcag 180
 taacattaat ttataattac tctgggtata acacctaaaa gttttctgtg agagcct 237

<210> 35022
 <211> 377
 <212> DNA
 <213> Homo sapiens

<400> 35022
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 agtcttacct agactataaa taagtagaaa ttgcttatgc atgtaaagtt acagaattaa 180
 ttgaaatgga aactttccaa ttataatagg tctctctttc tccatgttat gttatgaaag 240
 cctctgttat atcaggaaaa cccctgaaa attttctcat ctgttgagga aagagataac 300
 aggtaatctt attgggttta agcttgragg mtaaatggaa acagcattcg tcttcaaag 360
 accaaaataa tctgcaa 377

<210> 35023
 <211> 61
 <212> DNA
 <213> Homo sapiens

<400> 35023
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 a 61

<210> 35024
 <211> 281
 <212> DNA

<213> Homo sapiens

<400> 35024

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atattcgtaa	ttcttttgta	atgttttta	gatgatata	vmacattaga	agcattcatt	180
ttggatttta	tcattggctc	ttatgggtca	aatattataa	ttttatttta	aatcaccgtt	240
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<210> 35025

<211> 209

<212> DNA

<213> Homo sapiens

<400> 35025

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tacacaaaca	agtactcaat	tacatttgta	aaaatgaggg	ccgggtgcgg	tggtcacac	120
ttgtaatccc	agcacttcgg	gaggccgagg	cgggcagatc	acgaggtcag	gagtttgaga	180
ccagcctggc	cagcgtagt	aaaccccat				209

<210> 35026

<211> 271

<212> DNA

<213> Homo sapiens

<400> 35026

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cattaaaaaa	gggatttggt	agcctgaatt	ccattttttc	tttaackyaa	aacataaggg	180
gttgcatwb	ccatactggc	agaatgtgga	atgggtaggt	gacttgaatg	ttgtcttttc	240
cacttagtat	taccgttcaa	aaccacgaa	t			271

<210> 35027

<211> 292

<212> DNA

<213> Homo sapiens

<400> 35027

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caggetgttg	acagctggga	tctgaaggcc	ctggaatgga	aagattcagt	ctcatattgc	180
ccaattcggg	tcgctggact	ctgctcagca	agcagccggc	tgcaasatg	ctcttgttca	240
aactaagtga	gatggcctag	gtgaaaatgc	ttcaggaaaa	gcacacaaat	gc	292

<210> 35028

<211> 185

<212> DNA

<213> Homo sapiens

<400> 35028

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accatattta	aaaatatctc	aaggtttctg	ttcattatga	aacatcaata	tgttttctac	120
catttgtaga	gaaatgaatt	ttccagtttc	aagtacctat	tcaaaaatttt	attaaaaacc	180
agcgg						185

<210> 35029
 <211> 312
 <212> DNA
 <213> Homo sapiens

<400> 35029
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 tgmgtccgt gctaattaag ctaagcctgt cttttattct tctcaaaatt tgggaggata 180
 cccaaggctc attttccttg ccataaagaa taaccacaaa gctgtgaaaa taagacaaaa 240
 cagagttctc ttacaaaatt atctgtttgt yatatacttg assttcagtt gagaaaaacg 300
 gtacttgtag ga 312

<210> 35030
 <211> 145
 <212> DNA
 <213> Homo sapiens

<400> 35030
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 gtggtgcacc agctatgagg ttgtctgtaa cccaagccat caaagggcct gtacatasct 120
 argrwgccat gagttgtccc ggcct 145

<210> 35031
 <211> 408
 <212> DNA
 <213> Homo sapiens

<400> 35031
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 rgatgggagt yytkgsctct gttgccagc ctggagtgc gtggcatgat cttggctcac 180
 tgcacctctg cctcctgggt tcaagcaatt ctctgtctc agcctcctga gtagctggga 240
 ttacaggtgc acaccaccag gctcagctaa tttttttgt atttttagca gagatggggg 300
 ttcaccatgt tggccagact ggtcttgaa ttccaacctg aagtgatcca cccacctcgg 360
 cctcccaata gcaaattatt aatgatagca aattactatc tgtgacag 408

<210> 35032
 <211> 132
 <212> DNA
 <213> Homo sapiens

<400> 35032
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 cctttgttct ttctattttt aaatgttctt tgaataccaa gaacatttat ccttcactgt 120
 aatatatgrm ac 132

<210> 35033
 <211> 362
 <212> DNA
 <213> Homo sapiens

<400> 35033

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camcttctma	tcattagatt	caacgtttga	tttccttggt	attagaggtc	tttgagcttc	180
attggtgaag	tcattacata	actacttggt	atgcaagtgt	agcagatgat	gtagtgaatc	240
tgtacagaaa	attaaatgta	tgacctggga	atgtttatgt	aacatgtttg	atggtggcat	300
cactagttaa	caaaaggagc	agaactttgg	ttgtgaaata	ttttagtaca	tcctatggca	360
ct						362

<210> 35034

<211> 299

<212> DNA

<213> Homo sapiens

<400> 35034

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gctngraagt	rggcgatcaa	gtcctgtagg	gtctgcagga	cttccttctat	aggcaggggtg	180
atgggggcag	ctgtgcgatt	gtttccgcta	aaaaccatga	gattgacatg	gttttaggcac	240
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<210> 35035

<211> 327

<212> DNA

<213> Homo sapiens

<400> 35035

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yttgsccttt	ggtttaatat	cagacacaag	gagcctggct	atgaggggtct	ggtggggact	180
ggagtttagta	taatgcgtct	ggcacagtga	cagccatgca	gggatgaccc	agggtttccc	240
ttgaccttgc	tgtctgactct	gtagcttcga	cccacagctg	cttcctgagt	ggacactgcg	300
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<210> 35036

<211> 247

<212> DNA

<213> Homo sapiens

<400> 35036

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aaatgattga	tgcagtcagg	atatgcaagt	tttaaaatgt	taccatctac	actaaatcta	120
dcagtaatrm	catctaaata	ggaggtaaaa	tgagaggtgg	cttgataacc	ttcttggttg	180
tctttccttc	tctcactttt	tacagaactt	cttcgttttc	ctgctgcttc	tcactctcac	240
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<210> 35037

<211> 302

<212> DNA

<213> Homo sapiens

<400> 35037

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ttgcaagatg actggcttta ctatktgaaa actggtttgt gtatcatatc atatatcatt	240
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ns	302

<210> 35038
 <211> 138
 <212> DNA
 <213> Homo sapiens

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cctcctacaa gcctcaga	138

<210> 35039
 <211> 110
 <212> DNA
 <213> Homo sapiens

<400> 35039	
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ccacttttta ttaagctggt ttgtttaaaa gcttttggtt ataggcatga	110

<210> 35040
 <211> 458
 <212> DNA
 <213> Homo sapiens

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aatattcatt gcaaagcatt ctttgccatc ttgaatatct catccctagt agtttgtttt	120
grataacsat ccagcccat gggtattagt acttggtcac tgaggactcc tagatttagg	180
tctagcccag agctttctga ccactcaaca catacatctt aatacattcc aacagaattc	240
ccagtttttg ttctctttgc atgtcagtaa atgactgtag ttgcttggtt ttaaaccctta	300
ttgtcttcct tggcctcctt ttttctcaca ccacgtgcgc tctgttagcc acttctgagg	360
gctagaatct gaccactgct taacaccttc actgctacga ccttgcctga gttgtttcct	420
aaggagccag agggagtctg ttaaaatgta ctcggaaa	458

<210> 35041
 <211> 337
 <212> DNA
 <213> Homo sapiens

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tggcttatga aagttcacag cagttcagtg gcagagtcaa gacaaaatgt cagaataatt	120
taattacagg tcattgctct tttccagtgc acccacttca gaagctgtga tttcactata	180
cgtacttgga aatcnntggt atttgtagc tattatcttg aagaaattat taagatgtta	240
aatttcatga tctttatatt aaaatttcaa acaaataatt tcgtactaaa taattatatt	300
aaactttcat agtttccttt cttttcagga aggagat	337

<210> 35042
 <211> 87
 <212> DNA

<213> Homo sapiens

<400> 35042

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ctttcagact ccttctasga ggctagt	87

<210> 35043

<211> 455

<212> DNA

<213> Homo sapiens

<400> 35043

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cttagatgct gtctgccctg taaatttga tctgggccc cagggcagtc aactcttcta	180
gcacaggctg aaaacacgtg tgtgtcaact gaggttcaca ccacttggg aatgagcctg	240
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gaaatgtatt tgggtcaaatt tcattgaagg tgatttcttc ctttttctgt tgtactttat	360
ggaaaaacca agatggaacc tgaaagttaa tgtatccttg ctttttagcaa gagactcagt	420
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<210> 35044

<211> 150

<212> DNA

<213> Homo sapiens

<400> 35044

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aaaacgtatt aaattataaa atatattcct atttttataa aatgtagaaa ggatatatga	120
cttctgattg agatgttaaa gtgagctcaa	150

<210> 35045

<211> 408

<212> DNA

<213> Homo sapiens

<400> 35045

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tttammaggt atkgtttctc aaaaatattt ctgatttcag aagagcacgt tctttgagta	180
tgtatataac tagagggaga agtagaggag attcaattag ccaatatatt tgagcacatc	240
tatttaattt caaagacttg caagttgaat cccacagaat ttgacctatg ggatacctgt	300
gttaaaatat catattgatt ttttagtttt gcattcaatt gttctcactg aagaatataa	360
tatgaaagat atgaaataat gttttaagag aataaatata ggacacgt	408

<210> 35046

<211> 286

<212> DNA

<213> Homo sapiens

<400> 35046

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atctctgaag tcatttttca ctgtaagatt ctctctctgt atctgaagtg gtgttttcag	120
tgratcatta aaatgagagt attgtaagta aaaacagact aaagtacaga gagaatctca	180

ctgtcactgt gktcactgc aggggtctttt gtaggttaaag tgatctttct atcatttttaa 240
catcttttaac atccctaact ttaaagtact tttttgtcca tcgccc 286

<210> 35047
<211> 420
<212> DNA
<213> Homo sapiens

<400> 35047
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csttcaagga tctcaaattc agtgacctta gctcctccag taaaaccggt gttaaacaat 180
ctcttttact taaaatgtgt tagtatttga tagatttgct gctttcttgg cacatcctaa 240
aaaagcaaca attaaaataa taaggcagaa tgcaatatgt rktttaaaaa taagagacaa 300
aataatacaa caaaccagtc tgtaatatta gagartaata tgtagtcta ccaacagggc 360
agacttcgag ttcaatagaa aactcacttc gtgtgtatatt acatatgaac gttccctttt 420

<210> 35048
<211> 339
<212> DNA
<213> Homo sapiens

<400> 35048
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raagggtctg gdagkcttca ctgcaaacat ttgattctga tctactcaca tacaaggaaa 180
tgtagattgc caagaccaa actagagggg gggcttccca tcagggtttt cctgtgtgga 240
gatgacaggg gaaacagggg ggaaatccta attatggcdt gtcctcttcc ctgaattgct 300
gtctacgaca grktagttcc aatgtaaaca aggtgggtt 339

<210> 35049
<211> 104
<212> DNA
<213> Homo sapiens

<400> 35049
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tamagttgcg ctgscaggg nccgatgttg cgcgaggaaa atgc 104

<210> 35050
<211> 312
<212> DNA
<213> Homo sapiens

<400> 35050
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tggaagaagag cggggactcg gcgaccctgc cctcccagacc ctcatgttcg ragagcctga 120
gttggsagag gcgbcacagt agccgcgggc cttgggcccg taatctcacg acctccgcct 180
gcggcctnct cgcaaaacaa ggyycaagc gccgccagct cttggccaca ttacgggccc 240
tagaggcagc atctctttcc cagcatcccc ccagcctatg tataagtgac tctgaggagg 300
aggaggagga aa 312

<210> 35051
<211> 382

<212> DNA
<213> Homo sapiens

<400> 35051
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ggtycgragg scytgcgcac cgcgcgwkcc gcagcctgcc ccgcggccaa catgagcttc 180
ttgtttggta gtgcgtcttc taaaacttta aaccaaagaa gaacattcca gagggttctc 240
accagtatga gctcttaaaa cagcgagaag ccacacttgg cagtggcaac cttcggatgg 300
ctgtcatgct tctgaaggg gaagatctca atgaatgggt tgcagttaac actgtggatt 360
tcttcaatca gatcaacatg ca 382

<210> 35052
<211> 397
<212> DNA
<213> Homo sapiens

<400> 35052
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ccaactactc ctctgcatgt aactttccca gtgctttcac acacttggaa gagagsgttc 120
caaktyccch gtggttttac aggccttgcg tggcctggct cctgcccctg cccaactcac 180
tgccctcttc cccaccactc acccctcact ctgcctcagc cacatgggag cagttacttg 240
aacacacaga accctttctt gccttaggaa tgtggtatta cctattggct ctgcctagaa 300
tgcacttgcc cctgtcctca cagaactgat tctttcttat tggtcacagc ttagcttaaa 360
gkcacctctg tagaaaagcc actcagacac gactgcc 397

<210> 35053
<211> 117
<212> DNA
<213> Homo sapiens

<400> 35053
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acaatatgtg aatatgttaa attggaatta tgttcttaaa aactgaagtc tgttgca 117

<210> 35054
<211> 361
<212> DNA
<213> Homo sapiens

<400> 35054
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cttctctggs tcaagcmaga atggttttgc tgcctcatgt gatattagct gggatcactt 180
aagagatttg ttctgctggg aactcagctt ggcttgaac atcgaagaag acggagtctt 240
tctctgtccc ccaggctgga gtgcagtggg gtgatcttgg ctactgcaa cctccacctc 300
ccgggttcaa gtgattctcc tgcctcagcc tcccagatag ctgggattac agtcgcccgc 360
c 361

<210> 35055
<211> 190
<212> DNA
<213> Homo sapiens

<400> 35055

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gactgggctg	ttttgaaggm	agaaggactg	gcagaccagc	tcttgggaaa	scctccattat	120
tgctgtggga	ggctggacct	gaacttgcac	ctatgaacaa	ccctgccatt	tagagctttt	180
tcctgaggcc						190

<210> 35056

<211> 300

<212> DNA

<213> Homo sapiens

<400> 35056

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ccgctcaggc	cagcggatcc	cagtgagtgg	cagagtcggg	gacaatgttc	ttcacctggg	120
ccagcgccac	ggggtggacc	tggaaggggc	ctgtgaagcc	tccttgccct	gtccacctg	180
ccatgtgtat	gtgagtgaag	accacctgga	tctcctgcct	cctcccgagg	agaggggaaga	240
cgacatgcta	gacatggccc	ccctcctcca	ggagaactcg	cggctgggct	gccagattgt	300

<210> 35057

<211> 207

<212> DNA

<213> Homo sapiens

<400> 35057

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tttccctttg	gtctgggttg	tgtggctttt	gggggatgcg	tgtgaggggg	ctatgtgttt	120
tttaaakttt	kkaaatakak	attttggtgc	tgtgtgtggt	aagagacttg	ttcctaktgg	180
atcaatgaac	catctcttct	gggcgta				207

<210> 35058

<211> 147

<212> DNA

<213> Homo sapiens

<400> 35058

atttcttttc	tttctttttg	aaacagaagt	tcatgggcaa	agtgtcaggg	ccctgccagg	60
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aagaatwaac	tgtgtttttt	tggttttt				147

<210> 35059

<211> 444

<212> DNA

<213> Homo sapiens

<400> 35059

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ctagcagaga	ggtatggaac	agattcttct	tcacaacctc	agagggaaaa	ccctgckgat	120
aacttggmtt	ycaaaactcct	ggcctccaga	acgacaaagt	cttgccttgc	ctgtcgtca	180
ggatggagtg	tagtggtagt	atcttagctc	actacaacct	ctgcctccca	ggttcaagtg	240
attctcctgc	cttacgctcc	caagtaactg	ggactacagg	cacacaccac	cacaccagc	300
taatttttgt	attttttgta	gagacggggg	tttaccacgt	tagccgggct	ggtcttgaac	360
tcctgacctc	aggtgatcca	cccgcctcga	tcgcccatta	ttaacaatca	aatggctggt	420
cttcatggta	ctggtacaaa	aaca				444

<210> 35060
 <211> 216
 <212> DNA
 <213> Homo sapiens

<400> 35060
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 agccatatgt agaaagctga aactggatcc cttccttaca cttatacaa aaatcaawtc 120
 caagatggat taaagactta aacgttagac ctaaaaccat aaaaacccta gaagaaaacc 180
 taggcattac cattcaggac ataggcatga gcaagc 216

<210> 35061
 <211> 171
 <212> DNA
 <213> Homo sapiens

<400> 35061
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 cgggcgggtc tggcgcccca acccctgct gccagtcagg gcgcacaaac cccaggrgr 120
 raaggcggaa gcagcagcga ctctaaaggc agccccaggc tggctaaagc g 171

<210> 35062
 <211> 299
 <212> DNA
 <213> Homo sapiens

<400> 35062
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 agtttaatgc ataaattagt agatctatta gataatttat gattttttct tgattgattt 180
 tcaaggcctt aaagggttaat aattgttagt attgatacct taccttctca tattgttcat 240
 gacaatagcc agagctattc tttcaaacta gttagctttc tcttttattt attgtattt 299

<210> 35063
 <211> 180
 <212> DNA
 <213> Homo sapiens

<400> 35063
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 cggaccgact gacggtaggg acgrgagcgg agcaagatgg cgcagacgca gggcaccg 120
 akgaagtct gttactacta cracggggat rttggaaatt actattatgg acaaggcccc 180

<210> 35064
 <211> 107
 <212> DNA
 <213> Homo sapiens

<400> 35064
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 gctgggtatg gtggcttggt cctgtaattc tagcactttg ggagata 107

<210> 35065
 <211> 259

<212> DNA

<213> Homo sapiens

<400> 35065

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tgtgaactgt	ggttaaatac	caaaccag	tccgcagtg	tcactaaag	cgtctaanac	120
tgagtggtta	agaaaacca	gagacattca	tatagtttca	gttatcagag	tattagacca	180
gactttat	gcaattt	gttcaacagag	at	ttttat	ttt	240
gacatagtaa	gttttat					259

<210> 35066

<211> 340

<212> DNA

<213> Homo sapiens

<400> 35066

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aatgccaaaa	agcaagavat	tattaaagca	taccgaaaat	tagcactgca	gtggcaccca	120
gataacttcc	agaatgaaga	agaaaagaaa	aaagctgaga	aaaagtcat	tgatatagca	180
gctgctaaag	aagtcctctc	tgatccagaa	atgagaaaga	agtttgacga	cggagaagat	240
cctttggatg	cagagagcca	gcaaggaggc	ggcggcaacc	ctttccacag	aagctggaac	300
tcattggcaag	ggttcaatcc	cttcagctca	ggcggacccc			340

<210> 35067

<211> 246

<212> DNA

<213> Homo sapiens

<400> 35067

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ttatatctca	cttgtcttat	tattgaatta	catttatcct	gctttgcaga	ttttataata		120
atctcaaaaa	gaattgactg	tagttgtctc	cagtagactt	ttaaaaaatt	gtcaattaag		180
gttaccttct	ttagaacttg	ttctctttat	ttactattat	gtttaaactc	attttacctg		240
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<210> 35068

<211> 246

<212> DNA

<213> Homo sapiens

<400> 35068

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aatactcaca	aattatttag	tatacctgaa	tcttggtt	ctt	ttttataac	tgagtaataa	120
tggttacatc	tcaggtagtt	tgaggattga	ctaaaaaaat	gcgagaatgt	tgtatgtgac	180	
tgaataacaa	tttttactct	gcgaascaa	gtaaatataa	tattatcagt	aactttatcc	240	
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<210> 35069

<211> 378

<212> DNA

<213> Homo sapiens

<400> 35069

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tttaagtctt	acattcctag	taacatttgg	gcttttctta	ggttatgttt	cgtgaagatt	120
tggggggagg	gctcttttaa	aacttcagcc	tcagttgttt	aacagtctct	ttaatatatt	180
aatctgcact	aacatctctg	tgatatatgc	acataattta	gaggtaatca	tgtcttctag	240
attacttggt	tgcatttgat	tgggcttctt	gttttagggtc	ccttttaara	ttaattcatt	300
agattgaaaa	atgtattcta	tatttctgat	agactggaca	gaaggatctg	tgtccccaag	360
tgagacaggc	tctgaata					378

<210> 35070

<211> 264

<212> DNA

<213> Homo sapiens

<400> 35070

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tacagacact	tatggacttc	actatagtgg	ctctcaacca	agaataattt	tgcaccatgg	120
ggagatacgt	ggcaatctct	agacacaatt	tttatcatcc	ccactgggaa	atgctactgg	180
catctattag	ataaagggtca	gggatactgc	taaacatact	agaatgtaca	agacagcccc	240
caccacaaag	aattttccag	cctc				264

<210> 35071

<211> 375

<212> DNA

<213> Homo sapiens

<400> 35071

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tgtgactgag	cttacagtct	agtaggaaaa	gatggataat	aaacaaataa	atcattatat	120
attatatcag	aggggtgataa	atgctgtggt	gaataataaa	gcaggagagag	tctagggagg	180
ggtccagaga	gttcccggaa	ttccctccct	aatgagatga	tctgaagaag	atgaaggac	240
aacctatgta	gctttctggg	ggaagacatc	ccaagaagag	ggcagggcag	ccctgaaagc	300
cccagagcag	tgggtgtgtt	agagtgttta	gtgaacaagg	tggcaaggag	gtcagtkgct	360
ggagcagcgg	gagac					375

<210> 35072

<211> 229

<212> DNA

<213> Homo sapiens

<400> 35072

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gtagaactct	taaaatatta	ttatcatcta	ttctgccttc	ctggtttgta	gatacagaga	120
catcccagag	aggttgat	ttatccagat	ttccacatca	agttgagatt	acagtggagg	180
gtgcgttcga	aagtaaaaat	aacttctcct	tttgaatttt	gatggctat		229

<210> 35073

<211> 273

<212> DNA

<213> Homo sapiens

<400> 35073

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ctagtgtttt	wgtttatkt	ttttaaataa	tgcccatgtc	tcctgctgtc	attctctgag	120
accaccaaat	agtttaatac	ctggagtcag	agataagaat	aaacaggctt	aagatacttt	180
aaataatggt	caatactata	tacttggtca	tatcattagt	gagcatat	ttcttttggg	240

aagtaactaa tgctttcctt aaggccaggc gtt

273

<210> 35074

<211> 331

<212> DNA

<213> Homo sapiens

<400> 35074

acagtataac	acagttacgt	taccatttgc	aaacctaata	tctaatagcc	aatcywamrg	60
atttcctcaa	ttttcacaaa	aatggcattt	tacagttcgt	ttatttaata	ttacttccag	120
gctggacatg	gtggctcacg	cctgtaatac	cagcatttgg	gaggccaagg	cgggtggatc	180
acttgagtcc	aggagtttga	gaccagcctg	ggcaatatgg	tgaaaccccg	cctctactaa	240
raatacaaaa	attagccggg	tgtggtggca	cacacctgta	atcccagcta	ttcgggaggc	300
tgaggcacaa	gaatagcttg	aaccaggag	c			331

<210> 35075

<211> 176

<212> DNA

<213> Homo sapiens

<400> 35075

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gcacatgggt	ttgagaacag	gaactgtaaa	tctgttggcc	saatcttaac	atttttgagc	120
tgcatttaag	tagacttttg	accgttaagc	tgggcaaagg	aatgacaag	gggaca	176

<210> 35076

<211> 82

<212> DNA

<213> Homo sapiens

<400> 35076

ctagcctttg	ttcaagccac	tacccccacc	tggaagccgg	cccctggcca	cctttctttt	60
tctttttttt	tttttttttt	tt				82

<210> 35077

<211> 455

<212> DNA

<213> Homo sapiens

<400> 35077

acttcattgt	atacccatth	tggctcccca	ctagctccaa	tgcaacagag	accagcaggt	60
gccaaatgca	catttacaaa	tacaaatgac	tgtaggtag	ctgtattgac	agaatgcctc	120
tgaaagggtc	tctggcshtg	aagtaattgc	acatgcacca	gagataaaca	ttgagaggag	180
atcaatttaa	atttaattctg	acatcatcta	ctgtcaccca	gagcaagtgc	taaaatatat	240
ccattcaatc	catagcattg	caaatggggt	ctataatgtt	taagataaag	cctctgctag	300
tttgttttat	gagggccama	gattatcaca	actaatacag	tatgaactgc	ttctgctagt	360
caagrmataa	tttatgatta	amtcttaaat	gtgagamatt	cachgaaaac	actcaaaaca	420
cattttttcca	agctgatttt	tttccactgt	caaca			455

<210> 35078

<211> 280

<212> DNA

<213> Homo sapiens

<400> 35078
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 aatttagata cttataaatt gtacactttt aaagtatgca gttcagtggc tagtatgttc 180
 agagttgtgt aaccatcacc actgtctaata tccaaaacat ttttatcacc ccaaagggaa 240
 accatcacca atcactccct attcctccta cccagcccct 280

<210> 35079
 <211> 117
 <212> DNA
 <213> Homo sapiens

<400> 35079
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<210> 35080
 <211> 295
 <212> DNA
 <213> Homo sapiens

<400> 35080
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 cgtaggaatc ccaaaccacc cgacttatgt cctcccttc aggaggctcg tattagaggg 180
 tgaggtgcac atgtaagcag cgagtatgca tgtgcccata attaaataag cgccttaggt 240
 gcaagcvtcg aagggggagt gcaaagaccg aaccgtgtat tctgattcag gagag 295

<210> 35081
 <211> 126
 <212> DNA
 <213> Homo sapiens

<400> 35081
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 acgcttttta aaaaatcaaa tttggaaaat atcaaatgga attacaggca ataagcataa 120
 cccagt 126

<210> 35082
 <211> 242
 <212> DNA
 <213> Homo sapiens

<400> 35082
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 aagtggtag nmncagcag ccagtggttag gaaggggtcat caagtcagtt gtcagaaacc 120
 tcaactkatgt cactgtwtah gctatgtgac cctgacctag ttccctggccc tctcttgatc 180
 tcagttgctt tatctgtaaa atttcacatt tktcagcaag tcaaccttcc atgttcctct 240
 ca 242

<210> 35083
 <211> 455
 <212> DNA
 <213> Homo sapiens

<400> 35083

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ttagcagact	ttcctcggtc	cttaacatgt	gttcttacag	tataacttgc	agtttcttgt	180
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atatactctc	tcagtattaa	ctcccagtaa	ataataacca	accaaccaac	caaccaaact	300
tccctctccc	agcccccgag	gctagaaaat	cttgctgctc	cgtcttagca	ttccaagaaa	360
gtgcttccag	gtatttagat	agccctcagt	tctcaaatat	tagactacgt	gtaaaatctt	420
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<210> 35084

<211> 258

<212> DNA

<213> Homo sapiens

<400> 35084

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agttgtacat	acatgtgatt	acttctgttt	tttacaccca	catacagtac	aaaagattat	180
taaaaatatt	cccaaaaggc	aggtgcaatg	atgcacactt	atacccccag	ccactcagga	240
ggctgatgca	agagtcac					258

<210> 35085

<211> 330

<212> DNA

<213> Homo sapiens

<400> 35085

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ccctttkaac	ccadtgtacw	aggtcaatca	ggaggcatct	ggaaaggggg	ggaaaaaagc	180
aaaaaacaaa	wttaaaaaaa	attgatttcc	atatttwatt	tttcaaaacc	ctaaaaatatt	240
acaaaataag	tcccgcata	actttaacgt	tttaactctt	ttggacaaaag	garkcawtta	300
cttgaagtkg	ctttwtgtga	ctctgcccac				330

<210> 35086

<211> 244

<212> DNA

<213> Homo sapiens

<400> 35086

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cacaggcaag	gcacaagtga	tacggctccg	atgagtgcag	gaacactagg	gtttttkgtt	120
cttatgctgg	tttagataaa	acgacaccga	cacacgtgga	gtggttttta	ggagcggaga	180
gtttaatagg	caagaaggga	aggagaaagg	cagaaagaag	aaagtacaga	gacagaggga	240
gttd						244

<210> 35087

<211> 365

<212> DNA

<213> Homo sapiens

<400> 35087

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ggaactggaa	tttggcctgg	catattttgt	cctgtccttg	ttctattgga	tgtacgtcgg	180
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gagaccctg	gcagggagat	aggaccagc	tgtgctgtca	tgcagctaac	ctctgatgtg	360
gtctt						365

<210> 35088
 <211> 134
 <212> DNA
 <213> Homo sapiens

<400> 35088	
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aaaaccttcc	ctgc
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 <213> Homo sapiens

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	60
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	180
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	60
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	180
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	180
	240
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<212> DNA
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tgaaaagcac tattcccaag attaatagtg ttctatgcac aatgaagcac ctaaaaacac 120
tgcttgatat tataaattta aaacacaagt gaaagtttag ccatggtttt gtgcggcatc 180
atagttatgt caataaagtt tatttaggtc atagaatatc ctaaagtatc acatagttaa 240
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gtttggcagt cactgtttat actttaaggt ttatatttta agc 403

<210> 35093
<211> 184
<212> DNA
<213> Homo sapiens

<400> 35093
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cgaccaccta gccctccaaa gaagccatct ccgacaatct gtggctccaa ctatccactg 180
agca 184

<210> 35094
<211> 74
<212> DNA
<213> Homo sapiens

<400> 35094
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<210> 35095
<211> 359
<212> DNA
<213> Homo sapiens

<400> 35095
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tgccacattt tcttaatcca gtctatcatt gatgttcatt tgggttggtt ccaagtcttt 180
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ataatccttt gggatatata ccagtaatga gatcgctggg tcaaacgata tttctagtgc 300
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<210> 35096
<211> 292
<212> DNA
<213> Homo sapiens

<400> 35096
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gccagctttg tatacvatta tnaggaacnd ggactttgtc ctgaaggtaa ctgggcaatt 180

gttgagggtca ccaccatcta ctgtctggat taccgaggaa actttctaaa tgtmstctcc 240
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<210> 35097
<211> 243
<212> DNA
<213> Homo sapiens

<400> 35097
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taataaacac tgcttttaaac ctggaaaagc acaatctaca tttagtgaat atttcataga 180
atatttaact ttttacattg attacgtggt tcacttacia aaatcgatgg aagatacccc 240
cct 243

<210> 35098
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<212> DNA
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acacaagcgc caggagaggc caaagaacct ttactccagg acacaaatgt gtgacgactg 180
aaatcaggaa gatttttcta tcagcaccca ggtcttagtt ttcacctcta gttctggatg 240
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<210> 35099
<211> 264
<212> DNA
<213> Homo sapiens

<400> 35099
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gactgggcca asaactctcg ccgacgaacg cgaccggcgt tccttcggcc gtctcaccgt 180
ggccggcaag cttgccgccg agcgacgacg cacattgcgg cgcaggacca actttttcat 240
tgaacacgcc cttgatttca agcg 264

<210> 35100
<211> 96
<212> DNA
<213> Homo sapiens

<400> 35100
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<210> 35101
<211> 120
<212> DNA
<213> Homo sapiens

<400> 35101

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<210> 35102

<211> 343

<212> DNA

<213> Homo sapiens

<400> 35102

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ggcagggtga mccccatcag taacctacaa cccctctaga acttcacaac tccctctcac 180
catggagtgt gcatttgatg cagaaaggca tgtgatccct ccttccttct gacctcttag 240
ctggggattc catggccaca caaccctgtg actccatgtc cccccgattc caggaccccc 300
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<210> 35103

<211> 456

<212> DNA

<213> Homo sapiens

<400> 35103

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accgaaggca gatgagctca agatcatgcc ttgggaagca tgggtgctcta ggggtgcctt 180
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aaatgtctac agtcagttgt ttcattctagc ttgcatctta aaacacaaac ctttcagttg 360
ctttcactta atgcacacat ttgccaatga cagagggtta tacaggatcc ttcttttaca 420
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<210> 35104

<211> 111

<212> DNA

<213> Homo sapiens

<400> 35104

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<210> 35105

<211> 164

<212> DNA

<213> Homo sapiens

<400> 35105

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ctaggmaaag gccaaaggmm aaaagttcta ttgcttgaaa ttgccctagt gaactggacc 120
tgcactatgc aatagagtag cccctagaca agacaagtgt gtct 164

<210> 35106

<211> 131

<212> DNA

<213> Homo sapiens

<400> 35106

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<210> 35107

<211> 286

<212> DNA

<213> Homo sapiens

<400> 35107

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accagactaa	atactatact	ctgtagttag	taccctcctc	ccacagttaa	ccttataabt	180
ggaaagctgt	tctgtgtggg	aatcacgtga	ccattccttc	acttcatgct	caaagtgtcaa	240
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<210> 35108

<211> 412

<212> DNA

<213> Homo sapiens

<400> 35108

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ttaaaaaaaaa	atggagctct	ctaactgcaa	tagtcctccc	cgaagcactg	tgcaaaaaaa	120
tctctagaac	tcatggtttc	tacactggaa	aagtgcacatt	gaggtggata	ttcagcttgc	180
ccacaaaactt	gggttccttc	acaagaaaaac	cattcctgccc	tcactccatg	agaagaatca	240
caagtgcctg	tagggtgaaa	actcctgagg	atagctagag	aaaggatgaa	gatgtggcta	300
gcaccaccct	gcacatgaaa	cntagtgcct	cttctttatt	gcagcnaaaa	gagacatcaa	360
atcagagagg	ctgttttagca	gcaccacaca	gtaggtggca	ctctacagag	at	412

<210> 35109

<211> 281

<212> DNA

<213> Homo sapiens

<400> 35109

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aagtcacttt	tgagccctca	tcaagctctc	attgtgatgg	gagggatacc	ttttgttgt	180
taaaagccta	ttattgttaa	aggsccttta	tggaaaccaa	cttggaanaac	aaccttaaat	240
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<210> 35110

<211> 380

<212> DNA

<213> Homo sapiens

<400> 35110

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tgtaataaag	cctccaggag	ctcatgrog	grargcavvt	gthckgtcct	caagtactca	120
aatatttctg	atactgctga	gtcagactgt	cagaaaaagc	tagcactaac	tcgtgttttg	180

agctctatcc atatcttact gatctcttta agtatttggt cctgccactg tgtactgtgg 240
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 tggtgagaaa tttgccttgt tcaataatda ctgtaccctc gcatgactgt wacagctttc 360
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<210> 35111
 <211> 116
 <212> DNA
 <213> Homo sapiens

<400> 35111
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 ctgtcgcagc gggaccgacg gaatccggag caggcgacag ggcgcagaag cgggat 116

<210> 35112
 <211> 118
 <212> DNA
 <213> Homo sapiens

<400> 35112
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 ggacaagaag agtggagcag agagtgcctg gcgggcgggt gcccgaagcc tgaggaaa 118

<210> 35113
 <211> 91
 <212> DNA
 <213> Homo sapiens

<400> 35113
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<210> 35114
 <211> 174
 <212> DNA
 <213> Homo sapiens

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<210> 35115
 <211> 363
 <212> DNA
 <213> Homo sapiens

<400> 35115
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 cagtatttta acagctttat tgatgaatat attgtacttt ggattgcoct ggttttctct 180
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 atacatgtct tcagaatcaa ggtctctaca tctcattcta atcatcatta atgatgtaat 300
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gaa

363

<210> 35116

<211> 192

<212> DNA

<213> Homo sapiens

<400> 35116

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gagcaccgtg	ggacctgccc	aacctctctc	tcaccttgcc	aaatgcctcc	cactttcata	180
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<210> 35117

<211> 383

<212> DNA

<213> Homo sapiens

<400> 35117

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ggctgcccag	accaggagag	cacagggtcag	ccggacacat	gatgggtgcat	acaatggaat	120
aggattaatc	cgtgaaaagg	aagaaattct	gacacatgct	ccggcgtgga	ggaaccttga	180
ggacgacgct	gagtgaagaa	akyvagacac	gaaaggacag	atacggcaag	actcgactha	240
tgtgagggtc	ctagaggagt	cggattcata	gagactgaaa	ggatggcggg	caccargggc	300
ggtggagagg	ggaaatkggg	agthactgtt	taatggggvc	agagtttcag	ttttacaaga	360
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<210> 35118

<211> 289

<212> DNA

<213> Homo sapiens

<400> 35118

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gctaacacct	ataattccca	gcactttggg	aggccaagat	gggcaaatca	cttgagtcta	180
ggagttcaag	accagcctgg	ccaatatggc	aaaaccctgt	ctctactaaa	aatataaaat	240
cagccaggca	tggtggcgca	cacctataat	ctcagctact	caagaggcg		289

<210> 35119

<211> 407

<212> DNA

<213> Homo sapiens

<400> 35119

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ggtgtctcag	actcctgccc	ctgccacgag	aacacaccct	ttccagtttg	ctggagaaat	120
ataagagaag	tccagtgaag	gagagctgag	tttccccaat	gatgccatca	agatgaacta	180
actacagtta	accagccagc	tgatagcaga	tgcatgagtg	agcccagctg	agagcagctt	240
tttcagatca	aaggatctgt	catctggcca	ttcatgattt	aggatctcca	aaggtatacc	300
tgttccaaaa	tgcgactcag	aagtagtaag	actttctgtg	gcttaacagt	ggggacacaa	360
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<210> 35120

<211> 308
 <212> DNA
 <213> Homo sapiens

<400> 35120
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 ctgtctctac taaaaatata aaattagccg gccgtggtag cacatgcctg taatcccagc 180
 tacttgggag gctgaggcag gagaattgct tgaacccagg aggcggagac tgcagtgagc 240
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 aaaaaaaa 308

<210> 35121
 <211> 408
 <212> DNA
 <213> Homo sapiens

<400> 35121
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 ttacagggtgt gagccaccat gccagccta tttgtcacat ttttgtcac atttatttta 180
 cttttatttta ttttttgaga tgaaatttcg ctcttgttgc ccaggctgga gtgcaatggt 240
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 tcctgagtag ctgggattac aggcattgcac caccacaccc aggttaatttt gtatcttttag 360
 tagagatggg gtttcacat gttggtcagg ctgttctcga actcctga 408

<210> 35122
 <211> 291
 <212> DNA
 <213> Homo sapiens

<400> 35122
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 attttctcac gtttcttact aaaggcctac tgaaaatggt ttaataaaca tgtgccatct 180
 ggtatttttt aagaagtgtg taatagtcca aaatctagca aaactcaact gcaaagattt 240
 ttaatatctg ttgtagagct caaggggtta acactatttg tgtgcggaca c 291

<210> 35123
 <211> 305
 <212> DNA
 <213> Homo sapiens

<400> 35123
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 cctccctcct ggcagttgga gggataagag ctgagttggg ctggggatta ttgagccagc 180
 atgcaccaat gtgccccgat ctgattgaaa cattaggctg tcaaggcctt gaatccttgc 240
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 aaage 305

<210> 35124
 <211> 336
 <212> DNA

<213> Homo sapiens

<400> 35124

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ctagcttgta gcttttctagt tatcagacct gcctttttata gaaatgtgct actgtatgtg	180
ttaaggacca taaaacagtg gctatccctg tgtgttctgt ctccctggatg ccaaggtaay	240
mgaaagggtcc ttaattgtaa atatgccag ggcatgtggg aatgctccta ttttaagtct	300
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<210> 35125

<211> 244

<212> DNA

<213> Homo sapiens

<400> 35125

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atcaaagacc tcatgttgac agctttttga gagatatttg cggggagggg ttgagtagga	120
ttttaaatth agtaaactat tttgtgcaaa taagacttgg ttccctttgt cttaccttaa	180
agtgggtgtga gacttctttt catttcaagg aagggttata tttttacatt tgtgcaccgg	240
ccga	244

<210> 35126

<211> 96

<212> DNA

<213> Homo sapiens

<400> 35126

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<210> 35127

<211> 272

<212> DNA

<213> Homo sapiens

<400> 35127

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gtttgtttgt ttgttttcta tagggaaaaa acattcaagc tcaaaratag aacagtcac	120
tactgggtag ttattacctg atttattagc tcatgggtcc caaaactttt ctatgcatga	180
ttccccacc tctttgaaca aggagggtt aaatacttgc accattacaa aatggcaatc	240
ttaaccctga actacttgct ccacgtggc cc	272

<210> 35128

<211> 171

<212> DNA

<213> Homo sapiens

<400> 35128

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gtcctgtcg ccttcgctc ctaatcccta gssactatgc gtgagtgcac ctccatccac	120
gttgccagg ctggtgtcca gattggcaat gcctgctggg agctctactg c	171

<210> 35129

<211> 163
<212> DNA
<213> Homo sapiens

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gggtgatttc agcatttcca tctgagttaa aatcctggat atggagtccg agatatkgaa 120
ggccaattgg ctgccaaaga aatgggagag acaacacgtg cgg 163

<210> 35130
<211> 336
<212> DNA
<213> Homo sapiens

<400> 35130
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gggatgaaga ccaggaggac agtgagggct ttgaagatag ctttgaggaa gaagaggagg 180
aagaagaaga tgatgactaa gcagtactct gaatggacca cagtgtttgc acatatttgc 240
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ggaggtgtag tttttttact ctagaaatgg gtgcat 336

<210> 35131
<211> 251
<212> DNA
<213> Homo sapiens

<400> 35131
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tgctttgctg aaagttgcag aaaaggaagt gtgtggagag aaacagaacc cttcagggtg 180
ggtcagagga cgccatccac agtggattcg tgttcgtttg cagggtggaag cagtgatattt 240
taggacccgt t 251

<210> 35132
<211> 194
<212> DNA
<213> Homo sapiens

<400> 35132
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cctggtcctt ctggwgtctc cattctarag ggaagggcac gggcmaggac atacaccaat 120
taaagattgc atccatgtca ccaagggccg gtggcagcca tgtgagtmct ggcagggggg 180
ttcgacaaga gaga 194

<210> 35133
<211> 228
<212> DNA
<213> Homo sapiens

<400> 35133
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wtcatgtttt ctctcttgc caamaaccyg gcaatagctt cccattgctg aaaatctaaa 120
tktagctttt agtcagaact ttccacttaa agttcttacc cctggctata tattcaaata 180

tctagggagc aatttaaaaa atactgatgc ctgtgttcta cccccgca

228

<210> 35134

<211> 232

<212> DNA

<213> Homo sapiens

<400> 35134

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tgtatttatc ataaatatat acttagtgct taacgtgrta cktvgcamat agcagatgck	120
cagacratca gttttaatgc aaaaggaaac ccatktacc tcttgatggc tgtggtgcat	180
gtgctactgc agcttcttga agattaagtt gactcctaag agccatgaat ga	232

<210> 35135

<211> 173

<212> DNA

<213> Homo sapiens

<400> 35135

caatatctcc gtgttttgta tatacaaccg ctcttgtagc ctttggtttt tgtaaatgta	60
gagaaacaca gattctttat acactttgta agatttacgs cmaaacccca gstctcgakc	120
tcttcttctc cmtgtggccc ctgcgctgtt gccccgtccc cgtcaccccg ccg	173

<210> 35136

<211> 68

<212> DNA

<213> Homo sapiens

<400> 35136

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cgttccta	68

<210> 35137

<211> 232

<212> DNA

<213> Homo sapiens

<400> 35137

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tccaatggaa taccaccctc agtaaagatg ggacaaatta tggaacatg agataacatg	120
ggtgaatctc aaaagagtgc attctgtgtg gtgccatcaa ggtgaatttc tggaacaggt	180
gaaactaacc tgtatagtgg cagaaaatac atcattaatt gctggggcgc ta	232

<210> 35138

<211> 219

<212> DNA

<213> Homo sapiens

<400> 35138

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ttgtgtcttt gtmtttatct ctytwcdyat tccccwgc tccamccggg aaggggagag	120
cctgcvgtg gtgtatcagg caggttcccc tacatctttg gcaccaaca cggctctctc	180
gaaccacagg gaagttacac ctgagcgtgg tcgttgtga	219

<210> 35139
 <211> 380
 <212> DNA
 <213> Homo sapiens

<400> 35139
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 ccagaaggca aaactacctg gtgtgtcttg aagtgtctgt ttctggaatt ccactcacag 180
 gggaaaatta gcctgaacca gatggcttga aacagtcctc atgggtgagg ggtggaagga 240
 gacactggaa aaggggactg aaatcagctt taggaacttt ctgtccttta atctcaagaa 300
 tacagawagt gaatgtwrcat tgttatgaga wwcctcatat tgctgtaga tcttcacttt 360
 caatacacac acacgcacac 380

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 <211> 311
 <212> DNA
 <213> Homo sapiens

<400> 35140
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 aaaaagaact gatatttaat ttcagtcttc agactggcca gcattagaaa attcttggct 120
 ttattgtact ggggtattaag accttgctct tcttagtcct tttaatgctg tgtgttctgt 180
 taagttcttt catttgtttg taattttggt tktcagcaaa tttatatgtt tttgctaggt 240
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 attagcgga t 311

<210> 35141
 <211> 78
 <212> DNA
 <213> Homo sapiens

<400> 35141
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 attcttcaaa aaaaaaaaa 78

<210> 35142
 <211> 262
 <212> DNA
 <213> Homo sapiens

<400> 35142
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 tttctcctcg ttgggtcatg tgttgttgtt tttgataatc caaagcgatc atgtcagttg 180
 gccctttaat atttccaatg tgaaagatta tttaaatgct tttaaatctg cagcacattg 240
 ataagatggt ttccgtgagc ta 262

<210> 35143
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 35143

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tgtgtatgtg	tctathctac	ggtgtggctc	gtcgtggggc	gagargaggc	tcgagagasg	120
gcgagggaga	agcgmaaaga	gtaagasagt	cttcctttgc	sagagcctct	aatctggtga	180
gggtcccggg	ccggccgggg	cgctaggaga	gagggaggag	gccggggggc	gtgtctbgga	240
tcgggctgm	agatgaatg	gccagggatg	aatggaggga	ggcagcggcg	gccaaagatc	300

<210> 35144

<211> 209

<212> DNA

<213> Homo sapiens

<400> 35144

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tccagaccaa	ggcgcgcgt	ttcgggttct	ctcatcgctt	cgtcgttcgc	caatgtttga	120
ggagaaggcc	agcagtcctt	caggggaagt	gggaggcgag	gagaagccga	ttggtgctgg	180
tgaagagaag	caaaaggaag	gaggcaaaag				209

<210> 35145

<211> 218

<212> DNA

<213> Homo sapiens

<400> 35145

actttgctgt	gctgtacttt	tacacattct	tttyaactat	agcwtccwgc	tttgctctgg	60
atcaggaagc	wattgragct	gacaccaca	gagtyaaact	cagtwgctgr	agccaccagc	120
tccccctccc	agtccttctt	ttcagagtag	gctggcagct	gtcctaactg	cctactamag	180
ccaaatgctt	gaggagagag	agagagtaag	gaaccgcc			218

<210> 35146

<211> 67

<212> DNA

<213> Homo sapiens

<400> 35146

aatgaaaggw	araatatctt	aacccggctg	tcggdctaaa	agaggagaga	atgcttttctt	60
taaaaaa						67

<210> 35147

<211> 294

<212> DNA

<213> Homo sapiens

<400> 35147

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accagtctcc	tctccctgct	gtcatttcwt	ttgtccttcc	ccttttstcc	ctcctgccaa	120
gtacttgcat	atctgtgtgc	ttatgttagc	agcatccaca	ctgatacctg	ttctcttttb	180
ttttaccct	agwccaggg	gtavmaggag	agactgaaaa	aaaaatattc	tggaagtctt	240
vgatatggga	taaaattcaa	ggaaakgatt	kcttatcatc	ttgtcacctt	taaa	294

<210> 35148

<211> 240

<212> DNA

<213> Homo sapiens

001220"666E55D

<400> 35148
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 tgaaatgaac ctctcttatt gattttttatt ggcctagagc caggagtact gcattcagtt 180
 gactttcagg gtaaaaagaa aacagtcctg gttgtwtgca tcataaacat atggaccagt 240

<210> 35149
 <211> 288
 <212> DNA
 <213> Homo sapiens

<400> 35149
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 gtggtcagta atcttcaaag tcagratcka tcacctkgtt aaattatata aacctaactt 120
 gagcagatct gattattcct ggatagttatt caagtggat cttgactatt aaactacgta 180
 tagtgttgct gaaatagaaa gaaaacagca ttggaattgg attcatgtat cgtgggatac 240
 aggtgttatt tcaggtgatg tacttgcat attttcttta gccatttg 288

<210> 35150
 <211> 185
 <212> DNA
 <213> Homo sapiens

<400> 35150
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 ggaaatggaa ataagagga aggrcaaaag tccactggga agcagactgg acagaaagga 120
 actctgagca gctaaactct gactaatccc agggataacc tgcgttttct cttcaccaga 180
 tcaat 185

<210> 35151
 <211> 67
 <212> DNA
 <213> Homo sapiens

<400> 35151
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 tgtgcaa 67

<210> 35152
 <211> 125
 <212> DNA
 <213> Homo sapiens

<400> 35152
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 gccagggcaa aaatcccaca agggtaagaa agaggcacgt ggcctggatt cttcatccca 120
 tctcc 125

<210> 35153
 <211> 193
 <212> DNA
 <213> Homo sapiens

<400> 35153

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ggtagtgtgt gttggttttt tgctgctgaa aattactgtt attttccctt tccatacttc	120
tggtcctttg aaaacagtca ctaagtccag tcatgggagg tgggtgggtg gaaagattac	180
attcaacccc cac	193

<210> 35154
 <211> 133
 <212> DNA
 <213> Homo sapiens

<400> 35154	
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cctgcgactg caagattctt actgcagtag agaactcttt ttctcccttg tacttttttt	120
tgacctgtca tct	133

<210> 35155
 <211> 336
 <212> DNA
 <213> Homo sapiens

<400> 35155	
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tgactaacct tcctcttttt ctctagtgtg cctatggtga aatggcaata gcattcactg	120
togtattttg cagtgtctcag gaagtgggac gttaactttg aagggtgctg tttgtattag	180
ctctgctagg ttacctcta caacgtagat ttcagcagct atgctgactg acactacatt	240
ctagttctta agattttttt tccagatccc cccttcccca gctagacata cgtagcatac	300
tttcatctta ttcagtcttt ctgtaacctg ctgctt	336

<210> 35156
 <211> 348
 <212> DNA
 <213> Homo sapiens

<400> 35156	
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agacacctta hsttattttt tttaattttt gctacggagt cttgctctgt tgcccaggct	120
ggtgtgcaac agcgcgatct cggctcacag caacctccac cttncaagtt caagcaattc	180
ttctgcctca gcctcccag tagctggaat tacaggcatg agccaccatg ccctgctgat	240
ttttgtattt ttagtagaga tgaggtttca ccatgttggc caggctggtg ttgaactcct	300
gacctcaggt gatccgcctg cytcggcccc ccaaactgct gggataac	348

<210> 35157
 <211> 171
 <212> DNA
 <213> Homo sapiens

<400> 35157	
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gaggcaggag aatgtcgtga acccggaag cggasttgca gtgagccgag attgcgccac	120
tgcagtcgc agtccggcct gggcgacaga gcgagactcc gtctcaaaaa a	171

<210> 35158
 <211> 302
 <212> DNA

<213> Homo sapiens

<400> 35158

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acataaaagt	ccagatccac	agcttctctt	gaagaatgac	cacctggcta	cgccggctct	120
tcggtggcaa	cactactvvg	gacactgcct	ccccagtcac	caagggcccc	agctggcccc	180
ttctactcac	ctaagtgccg	cctgaccctt	gtacactagg	aggctggcct	cccacctctg	240
cagggttatt	tcctgcacct	cgaggccgct	gcggggcaat	ctggagtga	acacgaggac	300
cc						302

<210> 35159

<211> 232

<212> DNA

<213> Homo sapiens

<400> 35159

caaaagtctc	cagatattga	aaatgttcaa	ccagaccagt	ttgatccttt	gaactctggc	60
aacctaaatc	tttgtgcaaa	tttgtccatt	tcaggtaaac	ttgatatctc	ccaggacgat	120
agtgaattaa	cacaaatgga	acacaatctg	gcatccagaa	ggatcatcaga	cgattgccat	180
gatcatcaaa	caacccccatc	tttgggagtt	agaacaattg	aaataaagcc	tc	232

<210> 35160

<211> 194

<212> DNA

<213> Homo sapiens

<400> 35160

tcctactctg	caagtggacg	agaataagtc	tctttcattc	tgctacttca	ctgtcatctt	60
caatttatta	ctgaaaatga	ttcctggaca	tcaccagtcc	tagctcttac	acatagcagg	120
ggcaccttcc	gacatcccag	accagccaag	ggtcctcacc	cctcgccacc	tttcaccctc	180
atgaaaacac	accc					194

<210> 35161

<211> 423

<212> DNA

<213> Homo sapiens

<400> 35161

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ctttgctgga	ggaaggtaca	caggggtgaag	ctgawgstgt	acttggggga	tctccttggc	120
ctgttccacc	aagtgagaga	aggtacttac	tcttgtacct	cctgttcagc	caggtgcatt	180
aacagacctc	cctacagctg	taggaactac	tgtcccagag	ctgaggcaag	gggatttctc	240
aggctcattg	gagaacaagt	gcttttagtag	tagtttaaag	tagtaactgc	tactgtattt	300
agtgggggtg	aattcagaag	aaatttgaag	accagatcat	gggtggctctg	catgtgaatg	360
aacachtttg	agccagacag	cctggctgtc	attgctttct	tcctccccat	ttggaccttc	420
tct						423

<210> 35162

<211> 195

<212> DNA

<213> Homo sapiens

<400> 35162

catctcagta	ataaaaatta	agctgtaatc	aaccttctag	gtttctcttg	tcttaaaatg	60
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ggtattcaaa aatgggggatc tgtgggtgtat gtatgggraaa cacataactcc ttaattttacc 120
 tgttgttggga aactggagaa atgattgtcg ggcaaccgtt ttttttttat tgtattttat 180
 ttggttgagg gaata 195

<210> 35163
 <211> 54
 <212> DNA
 <213> Homo sapiens

<400> 35163
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<210> 35164
 <211> 230
 <212> DNA
 <213> Homo sapiens

<400> 35164
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 ttctttcaga gagcagtgtt tttggcgggg aggaggaaat cccttcatac ttgaacgttt 120
 tctaattgct tattttattgt attctggggg atggcgtaag tacagagaag ccatcacctc 180
 agatggcagc ttttaaaaga ttttkhtttt tyckctcaac accatgaaac 230

<210> 35165
 <211> 366
 <212> DNA
 <213> Homo sapiens

<400> 35165
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 catctcttca gccssagag cgactggaac atcggtgaa gcattctggg aagcggnaaa 120
 ggggggggctc cagtggggcc aycnkggagc caggggacag ctctgatcga gagcctggcc 180
 ggcccccttg ggatcgggcc cgaaaatggc ccaataagcg gagaagaaaa gaggcgtcct 240
 cccgtcactc tctggaagct ggatacatat gtgscgcgga aagtgatctg gacgagaggg 300
 tctccgatga tgacctcgac ccatecttta ctgtctcaac cagcaaagcc tcggggcccc 360
 acggcc 366

<210> 35166
 <211> 226
 <212> DNA
 <213> Homo sapiens

<400> 35166
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 ctctatttat aagggtccctg ctccaccgga cccacctgc ggtgccttca gccccacca 120
 aagacactag tgcacccctt tcacagacac tgacctcaga ggccccactc tgggtgcccc 180
 agaccctggg cctccagcct ctggcctccc tccagtagcc ccacat 226

<210> 35167
 <211> 219
 <212> DNA
 <213> Homo sapiens

<400> 35167

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caaggatatt	agaaatagat	ctaaaataag	ataggcatct	tattgmgacc	tgtttttggt	180
ctggtcacag	atttgcctt	gtttaatttt	tacctagaa			219

<210> 35168

<211> 206

<212> DNA

<213> Homo sapiens

<400> 35168

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taatcccagc	atthttgggag	gccgaagtgg	gaagactgct	tgagcccagg	agttttgagac	120
cagcctgggc	aacaagatga	gacccccatc	tctacaaaaa	ataaaatagc	cagtkgtggt	180
ggtacagtct	gtatthggga	ggccgc				206

<210> 35169

<211> 184

<212> DNA

<213> Homo sapiens

<400> 35169

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actttcttct	gatgaagaga	tgaaaatggc	ggagatgcga	ccaccattaa	ttgaaacctc	120
tattaaccag	ccaaaagtcg	tagcacttag	taataacaaa	aaagatgata	caaaggaaac	180
agaa						184

<210> 35170

<211> 74

<212> DNA

<213> Homo sapiens

<400> 35170

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gcagttataa	taga					74

<210> 35171

<211> 72

<212> DNA

<213> Homo sapiens

<400> 35171

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tcattaccac	tc					72

<210> 35172

<211> 69

<212> DNA

<213> Homo sapiens

<400> 35172

gtcactgatg	aaggtctcgt	agcgcacact	ttctcccccg	tggcctccac	cgccccgccg	60
ttagggggc						69

<210> 35173
 <211> 70
 <212> DNA
 <213> Homo sapiens

<400> 35173
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 tatctgcatt 70

<210> 35174
 <211> 150
 <212> DNA
 <213> Homo sapiens

<400> 35174
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 catttatkat tagaaaaatc caaaaaaaat ctaaaaaaak cttktaraaa accccamaaa 120
 aatktacaaa aaatccgcgt ctcccccgcc 150

<210> 35175
 <211> 184
 <212> DNA
 <213> Homo sapiens

<400> 35175
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 cccctttatg tgttgaaagt taatggtttc agatgtgaac atcacgtgtt ataactgtag 180
 cgcc 184

<210> 35176
 <211> 148
 <212> DNA
 <213> Homo sapiens

<400> 35176
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 aacactctgc aggatattat ccaggagaaa cttctccaat ctagcaaggc aggccaacgt 120
 tcagattcag gaaatacaca gaacgcc 148

<210> 35177
 <211> 262
 <212> DNA
 <213> Homo sapiens

<400> 35177
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 cctactgctg ggctcccaa agtgctggga ttacaagtgc gaaccactgc agtcagccca 180
 ctcttttatt tcaactgttt gtattctgtt cctgattgtg tattcatgta taaatatctt 240
 gctgctttta ttacagagta ca 262

<210> 35178
 <211> 120

<212> DNA
<213> Homo sapiens

<400> 35178
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agttactgat tcttttkta gatgtttgaa ataccagtgg aattgtaaat gggcaavagt 120

<210> 35179
<211> 134
<212> DNA
<213> Homo sapiens

<400> 35179
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cacgaacgcc agcgaaaccg ctgasaccac cgmccaacta tgaactcatc aggcgcytga 120
agaccgacac gccg 134

<210> 35180
<211> 408
<212> DNA
<213> Homo sapiens

<400> 35180
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caaggaaagg gaatttactt caaaggata atggaaagtc ttaccaaact ggcattccac 180
tgcaaagaat acctttctag tgatttgagt attgattaca tactgtgaaa cccaatgtct 240
ccttacsttt catggtactg ggtaaaactct gacaaataat tgctctttag ataaccatt 300
tctgaatttt tttgtaactt ggtagttgtc tttttctatc cccaagcact tgaggatgtg 360
ccaaactcca ccagacacag tgattcattg acacagagat tctcaact 408

<210> 35181
<211> 201
<212> DNA
<213> Homo sapiens

<400> 35181
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aatttttgct gggcacacgg cgagtgaaag acaagaaaagg ggcactatct taacacaacc 180
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<210> 35182
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<212> DNA
<213> Homo sapiens

<400> 35182
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<210> 35183
<211> 276
<212> DNA

<213> Homo sapiens

<400> 35183

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ttagttatgt	ttaaaacgcc	tacttgcaag	tcttgcttct	ttgggatatc	aaaatgtatt	180
ttgtgatgta	ctaaggatac	tggtcctgaa	gtctacaaaa	tattatagtg	catttttagcc	240
taattcatta	tctgtatgaa	gttataaaaa	tagccg			276

<210> 35184

<211> 56

<212> DNA

<213> Homo sapiens

<400> 35184

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<210> 35185

<211> 440

<212> DNA

<213> Homo sapiens

<400> 35185

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caaatatcat	tacagcacgt	taacttttcc	attcggatca	ttatctgtat	gatgtggtgt	180
ggtttggttg	gtttgtcctt	ttttttgctg	ttttaatcag	aaaacaaaat	agaggcagct	240
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taggcataac	cttacataat	actaggaaaa	ttatgagaaa	ggggaaattt	ttgggttaaat	360
aagagtaagg	ttcaaacaca	agcagtacat	gttctgtttc	attatgctcg	atagaaggct	420
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<210> 35186

<211> 112

<212> DNA

<213> Homo sapiens

<400> 35186

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<210> 35187

<211> 275

<212> DNA

<213> Homo sapiens

<400> 35187

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tggcccccta	tcttccctgt	ctcacacttc	ttttctccca	tcccggttgc	aatctcactc	180
agacatcaca	gtaccacccc	aggggtggca	gtagacaaca	rscnagaaat	ttagacaggg	240
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<210> 35188

<211> 278
 <212> DNA
 <213> Homo sapiens

<400> 35188
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 gaggtggctg cgggactgga agtcacscgg gcagaggtct cacagcagcc atacgcctgc 120
 ctcacacctt gcgatgcgcc aacatcacca tcattgagca ccagaagtgt gagaacgcct 180
 accccggcaa hatcacagac accatgggtgt gtgccagcgt gcaggghagg gggcaaggam 240
 tcctgccagg gtgrctccgg gggscctctg gtctgtaa 278

<210> 35189
 <211> 284
 <212> DNA
 <213> Homo sapiens

<400> 35189
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 ggttttctgga gtggagtgat tccagctgct ttgagctgaa ggaaaagtag cctggccagt 180
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 gacaccagga aggctttgtg ccaggcccag cagcyacccc cgct 284

<210> 35190
 <211> 306
 <212> DNA
 <213> Homo sapiens

<400> 35190
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 agataragct tacattttca cagttttggc tcttaaactc attccacaaa tgccattaag 180
 aattttatttt gtttttaggcc agtcattggtg gtcattgcct gtaatcccag caatttggga 240
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 gacct 306

<210> 35191
 <211> 241
 <212> DNA
 <213> Homo sapiens

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 agatgagatt agggattgaa gtcactttta gtccaagaaa agtattgaag atatgtgttg 180
 aaggcattac caagatgaaa tattttattca tatcattaac ttatttggtc aaagaaacgc 240
 c 241

<210> 35192
 <211> 326
 <212> DNA
 <213> Homo sapiens

<400> 35192

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aacttttccc	aaaattatat	taatggccac	taatgtggag	gagtgatttg	cacctaagcc	180
aactgtcttg	gaagtccaca	ttcttagctg	aaagggaaat	ctgcgtttag	taaaggatg	240
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<210> 35193
 <211> 418
 <212> DNA
 <213> Homo sapiens

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gtgggggagt	tctcttttga	caatggcaga	ctatgttatt	ttgaaccaac	tctccacta	180
aaaacaacta	gaaaatatgg	agaaaatatg	aaaaatcttc	tgcttaaagg	cataagaaag	240
ttattaaggt	agtaagaaat	cactggatca	agatccagga	gaggaaagg	ccaaaagcag	300
tgggtgagag	gctcagaaac	tgagcatagc	ttttagtaca	ataatggggc	tgatggagga	360
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<210> 35194
 <211> 177
 <212> DNA
 <213> Homo sapiens

<400> 35194						
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cagtcacatca	acttaaacac	tgccaattac	caacgccttc	ctggcattca	aggccct	177

<210> 35195
 <211> 197
 <212> DNA
 <213> Homo sapiens

<400> 35195						
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tgatgggtgt	tgtgaaagtg	atttagcttt	gaccactttt	catcctacag	cttcaatatc	180
aaactgggta	ggaaagc					197

<210> 35196
 <211> 240
 <212> DNA
 <213> Homo sapiens

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ccatttgcct	tgtgaagacc	cataaacatt	cattgtgttg	aatgtaagat	agagactctc	180
cctagtctta	ctgatctcag	tacccacaaa	atgattaaga	atgatatgaa	aaccagcagc	240

<210> 35197

<211> 355
 <212> DNA
 <213> Homo sapiens

<400> 35197
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 acaactgccc cttccatgac cagccacatc tgaaaaggaa agcattctgc tctttccaga 120
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 aggggtctgt accgggctgg cctgtgccta tcacctotta tgcacacctc ccacccccctg 240
 tattcccacc cctggactgg tggccccctgc cttggggaag gtctcccat gtgcctgcac 300
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<210> 35198
 <211> 178
 <212> DNA
 <213> Homo sapiens

<400> 35198
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 gatcttctat ccacttaaac agagacttaa ggggtggcagt ttgaggtaaa accaggca 178

<210> 35199
 <211> 272
 <212> DNA
 <213> Homo sapiens

<400> 35199
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 caaggactgg tcatgttcac ctgtkctatg ctgtcagtgc rkcttgtact tattcctcac 180
 agaacttttc agtcatagtc agtcctgtga gctttatgca ggaaggaatt tggttggctt 240
 cctagcattt tcaagatctc tcatggcgcc cc 272

<210> 35200
 <211> 326
 <212> DNA
 <213> Homo sapiens

<400> 35200
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 attcttttcc agccctcaaa ttttatgagc ctgagttgca ttgtgtgggt aaaagtcttg 120
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 gaagactgga aagaacttga gcaggactct attaaatgtg ttttgtgtga gatggttttc 240
 accctgtgtt cttgtggttc ctccatgcta ggggcaggag gtaggatgga gcagataggg 300
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<210> 35201
 <211> 401
 <212> DNA
 <213> Homo sapiens

<400> 35201
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gtggtgaaca	ttaagctaac	caaaaagctt	aaaagtaaat	gctggggaat	gagatgtcca	120
tatggagctt	agaaaacctc	caacaaatac	ctgggaatct	aaaaggctat	gcatatgcac	180
aggatgatag	gcattcccaa	ggctgtgcac	atgctcagaa	aacacctaag	aaaggccaaa	240
gttctcacct	atggctgaac	ttcaagctct	gtdcaagtga	agtgctaagg	caaagttgcc	300
ccaacatac	acacagagca	tcttggtaaa	gactgggaga	cttactggct	ccatgaattt	360
aagcaattct	ctgtacaaat	cattagctga	cgagac			396

<210> 35207
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 <212> DNA
 <213> Homo sapiens

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<210> 35208
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 <212> DNA
 <213> Homo sapiens

<400> 35208						
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aattacggac	acagcccagt	agggagtata	agggttgtac	acagctatca	tgcgcttgat	180
cagtgcattg	cttcaaagtg	gacttatacc	tcagcagaga	gctaagaagc	atgaaggaag	240
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gattgggaaa	ccagaggaac	ttcactagat	gcaaggctct	gttgaagatt	caaggtaatg	360
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<210> 35209
 <211> 284
 <212> DNA
 <213> Homo sapiens

<400> 35209						
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ggtttttccc	catccgcgtg	acaagggtgtg	tgtgagcgtg	tatgtgtgtg	cgcgtgtgtg	120
gcgatttttg	tcvtgggggt	tcctttggaa	atgcactggt	ctcagcccag	ctgggttcca	180
acgggggcac	ctgggacgac	agaggcatct	cggggcaggg	ggcagaggcc	acgggwggtg	240
cagggtgggac	ccttgacggc	accctctgat	ctcttggggg	gctt		284

<210> 35210
 <211> 107
 <212> DNA
 <213> Homo sapiens

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cctggccgct	tggtcgactg	tgcaatgtct	gttaaccact	tagcccc		107

<210> 35211
 <211> 332

<212> DNA
<213> Homo sapiens

<400> 35211
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aatttttcaa aactggaata caagcaacag aatagataaa agtaatgtat tgatgttaaa 240
tttactgcag ttgataactg tatcatggtt gtgtaaagta ttaatrtrtat cctcattatt 300
gagaaatgca tattgaagta tttagaggta ta 332

<210> 35212
<211> 250
<212> DNA
<213> Homo sapiens

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aaatgttaat gaattgtcaa agcttttttca gccagtaaat ggcaaaaactg aaattcagat 180
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cacagttgct 250

<210> 35213
<211> 259
<212> DNA
<213> Homo sapiens

<400> 35213
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tcatccagaa attatggaaa cagggctctgt cagtggcagg aggccgtgct gtgttttact 180
tgatgacac aatgcagttt acttgccctc tcatacccat gcatgctgct caccctagac 240
aatgacatat aagccgcat 259

<210> 35214
<211> 236
<212> DNA
<213> Homo sapiens

<400> 35214
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tgaaaccaa cattattgga gaacagataa ccagtaaaat gggagcccat tatcattgta 180
tcatttggtc agcaacaatc accagaagaa ctgatacgct aggacatgtt aggcac 236

<210> 35215
<211> 435
<212> DNA
<213> Homo sapiens

<400> 35215
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ttgtagggtg	tcttcatttc	ttacatctca	ctctatttca	ctgttaggca	caaggggaatg	180
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 <211> 139
 <212> DNA
 <213> Homo sapiens

<400> 35216						
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<210> 35217
 <211> 192
 <212> DNA
 <213> Homo sapiens

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atacactgcc	ca					192

<210> 35218
 <211> 258
 <212> DNA
 <213> Homo sapiens

<400> 35218						
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ctgaatggta	ttttagtatt	ttgctgtcgt	tttattattt	tcgtctggtc	ttcctcagtt	180
cttcagacg	ctttctgaka	gawtgggggc	aggagctcta	gccatctgky	aaagtaaagc	240
agcggttcgg	ctgataga					258

<210> 35219
 <211> 323
 <212> DNA
 <213> Homo sapiens

<400> 35219						
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<210> 35220

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c t g g t g g c a g	t c t c a a a c t g	a g a a g c c a c a	g t t g c c t t a t	t t t t g a g g c t	g t t c t g c c c a	120
g a g c t c g g c t	g a a c c a g c c t	t t a g t g c c t a	c c a t t a t c t t	a t c c g t c t c t	t c c c g t c c c t	180
g a t g a c a a a g	a t c t t g c c t t	a c a g a c t t t a	c a g g c t t g g c	t t t g a g a t t c	t g t a a c t g c a	240
g a c t t c a t t a	g c a c a c					256

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[illegible]

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ggcaaaaagag acaaatctcc catcaaataa ttatgtacc cattccattc tatggaggag     180
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a                                          241
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<210> 35225
<211> 172
<212> DNA
<213> Homo sapiens

<400> 35225
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atgatgacat ctacacaggtc ttgcctttta attacccctc cctgcacaca ca 172

<210> 35226
<211> 292
<212> DNA
<213> Homo sapiens

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gctcaccaga ctgtacaaga agtgtgtgtc agcatctgct tctgatgaag atttcaggaa 180
gcttaaaatc atggtggaag gtaaagtgt actgggtata ttacatggta agagacagag 240
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<210> 35227
<211> 149
<212> DNA
<213> Homo sapiens

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gatgcggacc caaagtaaaa ggaggcacc 149

<210> 35228
<211> 325
<212> DNA
<213> Homo sapiens

<400> 35228
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tgaggcttta acagaaaarv attaavatga raatatgcta taacattttt caaaacattc 240
tcggcctctt gcttattttc ctgtatcttt ctttgaatct tttttgtatt ttcttttctg 300
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<210> 35229
<211> 264
<212> DNA
<213> Homo sapiens

<400> 35229

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gggaaaatac	attcatttca	cacctaat	cctactgaat	gataacttaa	cagctggcta	120
cggatcacga	ggccgagtg	ttgtccatga	atgggccac	ctccgttggg	gtgtgttcga	180
tgagtataac	aatgacaaac	ctttctacat	aatgggcaa	aatcaaatta	aagtgacaag	240
gtgttcacat	gacatcacag	gcat				264

<210> 35230
 <211> 148
 <212> DNA
 <213> Homo sapiens

<400> 35230						
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ctgagacttc	ctggatggag	ccgcccc				148

<210> 35231
 <211> 334
 <212> DNA
 <213> Homo sapiens

<400> 35231						
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cagtgcattt	ctaggtccca	aagacctttt	tccatataag	gagtacaaag	acaagtttgg	120
aaagtcaa	aaacggaaa	gatttaacga	aggattgtgg	gaaatagaaa	ataaccagg	180
agtaaagttt	actggctacc	aggcaattca	gcaacagagc	tcttcagaaa	ctgagggaga	240
aggtggaa	actgcagatg	caagcmgtga	ggaagaaggt	gatagagtag	aagamgatgg	300
aaaaggca	aganagaatg	avwaagcagd	gctc			334

<210> 35232
 <211> 96
 <212> DNA
 <213> Homo sapiens

<400> 35232						
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<210> 35233
 <211> 116
 <212> DNA
 <213> Homo sapiens

<400> 35233						
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<210> 35234
 <211> 404
 <212> DNA
 <213> Homo sapiens

<400> 35234						
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gctcatttta gactggctct gggtcaccct gccacacttg tttcctagtg tttctgtggc 180
agacattgct aatcaattac agcccttttc tgtactgagc cttggataaa gggtcaggct 240
cctttttagt tcagagattc aggcagccac tcccagtggt ttgtagataa tgtgcaagat 300
aaaractatt ttctcttcca aatctaagta ctaagctcct agtataaggt gttgttacag 360
aataccagag accatgtag agacaactac atctcttcaa aaag 404

<210> 35235
<211> 135
<212> DNA
<213> Homo sapiens

<400> 35235
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ggaagamabc agcatatgag atgaaaaaca tctcttcctt tgtggccatt atraaataga 120
cacatttggw acatc 135

<210> 35236
<211> 52
<212> DNA
<213> Homo sapiens

<400> 35236
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<210> 35237
<211> 278
<212> DNA
<213> Homo sapiens

<400> 35237
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tctaaatctc ttgctagact tgggaakytt tcatctatta ttttaagtaa gtttttgaac 180
tttctcatta tctccacacc ttcaggaata ctgataactc ctgtacttgg ttgctttatg 240
gtatgctatt tatcacagag actttgctca ttctttat 278

<210> 35238
<211> 137
<212> DNA
<213> Homo sapiens

<400> 35238
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ttgccccctca gtgactccat tctgtggaac ctggacgctc agccttgatc ttcccagggc 120
cctcttgccc ctgtgaa 137

<210> 35239
<211> 405
<212> DNA
<213> Homo sapiens

<400> 35239
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acaggcatgt	gggctgggcc	tggacgtagg	cgcctggccc	aagggaccca	ggagcagggg	180
caccttctcc	aactcatact	aagacaccag	tcaggctggg	ggaagctgcc	tcattggtcct	240
caacgttcag	ttgcaccaag	acactaaaac	gttaggttct	ctaatacagt	actttttaaa	300
aaccaggagt	gttaaacctc	gggaccactt	gagtctcata	caacttgtgc	tctggagaac	360
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<210> 35240

<211> 235

<212> DNA

<213> Homo sapiens

<400> 35240

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ttattttag	actggattaa	aaacaacctg	tcctgttttg	tcagttccca	gcttcttcgt	180
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<210> 35241

<211> 183

<212> DNA

<213> Homo sapiens

<400> 35241

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gggaagttct	cttgaactca	agaactcttt	atcttctatc	attctttcta	gacacacaca	180
cta						183

<210> 35242

<211> 363

<212> DNA

<213> Homo sapiens

<400> 35242

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ggaactctgt	taatagcttc	cagccacagg	cattggaatt	gagggcaagt	agaacgagga	180
tgcttgcccc	caaagatggc	aattctcagt	gctgggtgag	aaggtgcagt	ttggtcacat	240
gggggtgacg	tggaatctt	tctttagggt	gctgtgggac	cagtgactgg	ccagcagaag	300
ccagccgggg	ttatggatca	tgagttatgg	atcactagca	ggactggcag	aattgaacca	360
gcc						363

<210> 35243

<211> 195

<212> DNA

<213> Homo sapiens

<400> 35243

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atgaaaacat	gatcattata	tgtatataga	tacattttka	tytgfbacaa	atgtktgagc	120
agctcactag	cccacccctc	ctctattttg	ggtaagagaa	tttactacct	tttttaacta	180
tgtagttgag	agccc					195

<210> 35244
 <211> 67
 <212> DNA
 <213> Homo sapiens

<400> 35244
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 ctcaaga 67

<210> 35245
 <211> 223
 <212> DNA
 <213> Homo sapiens

<400> 35245
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 attgtttttg nyatgtagct gttttwagaw atctggccca ggggtgtttgc agctgtgaga 120
 agtcactcac actggccaca aggacgctgg ctactgtcta ttaawattct gatgtttctg 180
 tgawarbntc agagtgttta attgtactca atgggtatcat tac 223

<210> 35246
 <211> 248
 <212> DNA
 <213> Homo sapiens

<400> 35246
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 tataactctg gcctatgatt gtsttgtgtc ttgcattaaa aaaaaaaaaat ttgagagtgg 120
 tagaattact tctgttatct gaaatacctg agatgcactt taaactgttg aaatgtaagc 180
 yctgagggca gggaccgtat cttatttact gttagtatcc gttgcatcta gtgtgggtgca 240
 cctggcga 248

<210> 35247
 <211> 337
 <212> DNA
 <213> Homo sapiens

<400> 35247
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 tgamataagt attgtcatcc ttaccatag acaaggaaac taaggctaaa agcaggcacg 120
 tgatatccct aagttcatac aataagttgg acagggtggac tttaacccat tttggcttag 180
 tccaaagcct gtttacttga tattacacaa tgctacttta ctgttttgaa agamgaccac 240
 atggaacctg atgattgata tccctgaact gttagctggc cttaaatttt tgtaatarah 300
 ktkaatagat gtatacatak tactttatgg cccagct 337

<210> 35248
 <211> 85
 <212> DNA
 <213> Homo sapiens

<400> 35248
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 gccattttatt tgtgtcttct tcaat 85

<210> 35249
 <211> 208
 <212> DNA
 <213> Homo sapiens

<400> 35249
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 ggtgatccgc ctgcctcggc ctcccaaagt gctgagatta caggtgtgag ccgccatagc 120
 agcctgttta ggtttttttt ttgaaaggaa acaaaccag ttaatcagt tcttgattaa 180
 ctgacttggt aaccagattt tgcccgat 208

<210> 35250
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 35250
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<210> 35251
 <211> 326
 <212> DNA
 <213> Homo sapiens

<400> 35251
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 agattccatg tgatgagaga gaaacatcct gaaaaattca acagcaggat gaagaacaag 180
 ctgtgggtact ttgaatttgg cacctcggag acttttgcag cgacctgcaa gactactccac 240
 gaccacattg agttggagac ctgagtgacc agctccttga agtgntgggg ctagaaggag 300
 ccatggagat ggggcagatc tacacc 326

<210> 35252
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 35252
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 ctaagacgtg atagtgaata tagctttgaa aagaaactac atatggcaaa ggtggggagg 120
 ggggaagatg atgcattctg atcattataa agaatacttt tcagggtctt atcattttct 180
 cccttttctt aatcatccag aatatggcgg gtgtcccagt gttcaacagt atcatgctaa 240
 tattccattt gatcggtagt ccaagtctt tggccagata gtgcaatgtt gtgacaccga 300

<210> 35253
 <211> 141
 <212> DNA
 <213> Homo sapiens

<400> 35253
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 ccttcatgca atgaatagta ttgcatcaac atataahact taaaatgcta gaaattaact 120
 gaaacacaat tacctgggga a 141

<210> 35254
 <211> 151
 <212> DNA
 <213> Homo sapiens

<400> 35254
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 cgtttttata atggtgttgt tgtggaactg aaagattggg gatgatttgg ttttttcctt 120
 ggtccacagg taggtgtcac aattgctttg a 151

<210> 35255
 <211> 152
 <212> DNA
 <213> Homo sapiens

<400> 35255
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 ctacaggggtc tactcagctt ttggaccaag tttatgattt tctttgggtg tccctgtcca 120
 atgactgagc aagatggtgg tatgagggcc cc 152

<210> 35256
 <211> 95
 <212> DNA
 <213> Homo sapiens

<400> 35256
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 ccatgtacct ttttaagaag taaatgaggg acacc 95

<210> 35257
 <211> 345
 <212> DNA
 <213> Homo sapiens

<400> 35257
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 gggatgtcaa gaggaacct agaatcttaa cggatgaatgg gctgtagaaa ttatctcagg 180
 tcccccttagt atactgatcg agaagtcvwt gacvtcaggg caggggggctt acatgaggtt 240
 acacagcagg ttagtgacag tctgctccct ctctagccgc tgggtctttcc attacacagg 300
 cctgtgtctc ttgatgcctg tgacctttaa tggcttctga gtcaa 345

<210> 35258
 <211> 145
 <212> DNA
 <213> Homo sapiens

<400> 35258
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 ccccggggac cgggaagcct gagtctagag gggcggttac cccctgggag akcacasgta 120
 aagaaagcgt gtgagccgca ccccc 145

<210> 35259
 <211> 297

<212> DNA
<213> Homo sapiens

<400> 35259
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gamatgtgtt tcatggtaag cacagtgtg gtcgggaagg acctgtggg atactgcatt 120
tttatttagg gtgtctttg tctcttcct cccagtttcg ttttgtttg ttttttgag 180
atggaatttt gctcttttg cctaggctgg agtgcaatgg cgcgatcttg gctcgctgca 240
acctctgcct cccgggtcta agtgattctc ctgcctcagc ctcccagaa gctggaa 297

<210> 35260
<211> 170
<212> DNA
<213> Homo sapiens

<400> 35260
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cagcctgggc aacatagtga gacactgtct ctacaaaaan haggaggaa gggacacata 120
tcaaactgaa acaaaattag aaatgtaatt atgttctaag tgcctcccca 170

<210> 35261
<211> 55
<212> DNA
<213> Homo sapiens

<400> 35261
asagcaattc ggcggcccct gcagggcagc tgaagccatg gaagcctccg caggt 55

<210> 35262
<211> 142
<212> DNA
<213> Homo sapiens

<400> 35262
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ctcctcatca ggagcgccgg ctcacggact tctcgccaa ctccctgagc gctccctcgt 120
ttcgatcttt agaaaacccc gc 142

<210> 35263
<211> 208
<212> DNA
<213> Homo sapiens

<400> 35263
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ttaggaggtt ataatgamaa ttttaaaaac agcaacatag gggattttgc taaagccttc 120
aggggggatg acttctcaca gtgaaggcat ggagagamag aggatggaat ggcttttagac 180
agttctcttt tcctgaggag aggcctga 208

<210> 35264
<211> 269
<212> DNA
<213> Homo sapiens

<400> 35264

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gacgttcact	gtccgtagac	tagttttgca	ttgacagtag	aaacaggaaa	gtaaattgct	120
aaaraacatt	catttttctt	tgacttcagc	caggcacagt	ggctcatgcc	tataacccca	180
gcacttttgg	aggacaaggt	gggaggattg	cttgadccga	ggagtttgac	accagcctgg	240
gcgatatagt	aaaaacccccg	tctctacca				269

<210> 35265

<211> 87

<212> DNA

<213> Homo sapiens

<400> 35265

gcgctaacca	gccgctctgc	gccccgcgcc	ctgcttgccc	ccattatcca	gccttgcccc	60
ggcgccctga	cctgacgccc	tggcaat				87

<210> 35266

<211> 411

<212> DNA

<213> Homo sapiens

<400> 35266

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acctggtggt	atztatgcta	tcataatctc	atactgacca	aggcacctaa	aggctcaagt	180
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cctctgcctc	ctgggttcaa	gagcttctcc	tgcctcagcc	tccaagtag	ctgagattac	360
rggtgcstac	caccatgcct	agctaatttc	tgwattttta	atagagacgg	t	411

<210> 35267

<211> 154

<212> DNA

<213> Homo sapiens

<400> 35267

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ccagccactg	tgcagagcag	acaaggtgac	atccacgaac	tgaagcgcac	attccaggcc	120
ctggagattg	acctgcagac	acagtacagc	acgc			154

<210> 35268

<211> 281

<212> DNA

<213> Homo sapiens

<400> 35268

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tatatactgt	attctagcca	gaataatttt	agatctgac	aggtagtagc	taaaattaga	120
aaaawacaaa	atagatgctt	aaagaatttg	catccatttt	tgagtctaaa	tcttttaaaa	180
tatactgaga	tccacatcta	gtgaaatgtc	agtgtcaaaa	tattatagat	tatagctaaa	240
atccagatta	atactcattt	ggggtttttt	atagtgaac	a		281

<210> 35269

<211> 61

<212> DNA
<213> Homo sapiens

<400> 35269
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t 61

<210> 35270
<211> 269
<212> DNA
<213> Homo sapiens

<400> 35270
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tatatttgaa tggtagagta tgatagctgg cacagaatta ctattcaata taagttgatg 180
atggtgggtg gttatgatga tgcaacagcc acatatagtc agaggtcagt attttaaadc 240
atttttctaa ggcttttwag caggctcta 269

<210> 35271
<211> 340
<212> DNA
<213> Homo sapiens

<400> 35271
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ggctattaag aaaaccgcgg tggacacagt gctggggaaa aggattgtat ttgctggggc 120
tgctattaaa aagtaccgtg aactgagtgg cttaaaccac agaaattatt ctctcacagt 180
tctggaggac taaagtccaa aatcaagctg tgggcagggt gggtttcctt gagagctgca 240
agtgaaggat ctgttccagg cmwctctcct tggctgattt mmtggcaaac agaaaaagct 300
ctcttggtct ttaaagttca tgacagattc cctaagtggtt 340

<210> 35272
<211> 294
<212> DNA
<213> Homo sapiens

<400> 35272
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ttatgttgct ggtattttgc attttaaagt gatcaagatt cattaggcaa actttgggtt 180
aagtaaacad atgttcaaaa tcagattaac agatacaggt ttcatagaga acaaagggtg 240
tcatttgavg ggcattgctg aatttcacac aattttccag ttcaaaaatg gaga 294

<210> 35273
<211> 194
<212> DNA
<213> Homo sapiens

<400> 35273
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tttcctatgg gaatagaaat gttctctgcc ctgagctata tcacactatt taaacagggt 120
atcttttagtt ctttcattgt aatatactca taaataaact agaaacaagt atacacaaac 180
acacacacaa accc 194

<210> 35274
 <211> 231
 <212> DNA
 <213> Homo sapiens

<400> 35274
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 tagttttaag ccactaggta gatatttagg ggaatagtca aaatttactg ttgaaaaagc 120
 agttgctatg tgctttctta ccctgttctg ttccagtttt gctggatttg tacatagcca 180
 ttctagaaat agagttgagg gaaattatcc atatacatat cactaatagg c 231

<210> 35275
 <211> 341
 <212> DNA
 <213> Homo sapiens

<400> 35275
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 gcgcaggaka ggccgtgckgg gtgcgtccca ctacagggga tcctctttca gttcatttag 120
 ataggtgccc ttggggccct tgatattcaa cggctatgtg ttcacgttca gcacgctcgg 180
 ctgagakctt tcatttttag ggcaaacgag ccgagttacc ggggaagcga gaggtggggc 240
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 tgctaagact gacaccatga ggacacagat ttgggggggc a 341

<210> 35276
 <211> 301
 <212> DNA
 <213> Homo sapiens

<400> 35276
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 gtgcttagag cttgatactt agagacaagt ggagctcttg aatgtgtgtg cacattgagt 180
 ttcatctttt taacttgtac ttggaagcac atatgtctct ttctaaaatg ctaacctttc 240
 caaattttgga aaagcagttt cctgaaatgc gtacacttgg scctcaagta cttgctactt 300
 c 301

<210> 35277
 <211> 169
 <212> DNA
 <213> Homo sapiens

<400> 35277
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 cccagcccac gggttttata aacacccaag aaccgtttca aatcttctct gtgctgatgc 120
 aggtagtttt aaatttwmt cagttccagt gatagaaaac ccacaccgc 169

<210> 35278
 <211> 270
 <212> DNA
 <213> Homo sapiens

<400> 35278

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 tgtcaagtgg aatccttccc tttccaactc tacctccctc actcagctcc tttcccctga 180
 tcagagaaag ggatcaaggg ggttgggagg ggggaaagag accagccttg gtccctaagc 240
 ctccagaaac gtcttcttaa tccccaccgt 270

<210> 35279
 <211> 212
 <212> DNA
 <213> Homo sapiens

<400> 35279
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 atagatttaa atacacagac gggcgagtg gggcgagtg gatgtcttca gccagtggtg 180
 accctgcttt tgtaaccgag ttaacctgac ac 212

<210> 35280
 <211> 253
 <212> DNA
 <213> Homo sapiens

<400> 35280
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 gaacaaatta actcttgga ttatacgtct cctttttct ttacagtatt agtaaaatga 120
 aaaattgtac actttctgat ttttacttca ctaatgtaac tactctctca agaagctttt 180
 aavattttaa ttaccatcac acaacctttt tatagtaaag bcaacatttg ttctctcacc 240
 aaacccacag cca 253

<210> 35281
 <211> 148
 <212> DNA
 <213> Homo sapiens

<400> 35281
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 gaactcgggc ttgtggcgct cctccgtggg ccggatagag tgccctagtc cagctaacgg 120
 attcagcctg gagcgttctg cgtgacat 148

<210> 35282
 <211> 282
 <212> DNA
 <213> Homo sapiens

<400> 35282
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 tttaggcatc ttgttacaga gagaggcagg gtcttactg acatattaaa tctgttccc 180
 tgaaccagcc cctccctctt ctgctccact tctcacctg tgcagagtca ttttcaggtg 240
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<210> 35283
 <211> 294
 <212> DNA

<213> Homo sapiens

<400> 35283

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cttggtttttt	tttccatagc	acagtaatga	atgtgggttat	caatcacata	cttttttgga	180
ttatatgtga	gcaaaaagtt	gattagctta	ccaagattat	taatagcaat	gtatgtgtta	240
taatacaact	tagtacatta	ragctacgaw	aactcatcct	ggctgtagga	tagt	294

<210> 35284

<211> 173

<212> DNA

<213> Homo sapiens

<400> 35284

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tratccccag	gggagcagca	ggaaaaatca	gggaacagag	acgccagttt	agccataggg	120
ctataacctca	gggagtgact	cgacgtaatg	gcaagagca	atatgtgcca	caa	173

<210> 35285

<211> 56

<212> DNA

<213> Homo sapiens

<400> 35285

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<210> 35286

<211> 291

<212> DNA

<213> Homo sapiens

<400> 35286

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ggaaacatct	gtctctacaa	aaaaatacaa	raattagctg	ggcatagtgg	tgcattgctg	120
tgtttctagc	tacgcaggag	gattgcttga	gcccatgaga	ttgaggctgc	agtgagctgt	180
gacgtgcca	ctgacctcca	gcctggggga	cagagcaaga	ccgtgtctca	aaaacaattt	240
agtctgaaac	acaattgtgc	tgaatctgtc	tgactataac	tctgaccacg	a	291

<210> 35287

<211> 190

<212> DNA

<213> Homo sapiens

<400> 35287

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agttccaggg	gccaaaggcag	aagacatcct	ggagamaggt	ccaaagacag	cgatctcctg	120
gmcatgavag	atggacaagc	tgatacccag	cttgaagctc	tcaagagavc	aganaggcgt	180
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<210> 35288

<211> 226

<212> DNA

<213> Homo sapiens

<400> 35288

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cggcgctgag	caacagtgtg	tacaagggcg	cctcacccta	tggctccctc	aacaacatcg	180
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<210> 35289

<211> 356

<212> DNA

<213> Homo sapiens

<400> 35289

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ttctgccatc	taaggtgatt	acaatgctca	agtctctttg	ttggttgcc	ttgactaatg	180
cttttcagca	gccccgggct	cagctcctgg	ttcccagtat	ggcacaatga	ccaggcagat	240
atctcgacac	aactctacta	mttcttcgac	atcttctggg	ggatacagac	gaactccctc	300
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<210> 35290

<211> 183

<212> DNA

<213> Homo sapiens

<400> 35290

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gcagatgccc	atgtgaacag	agtacctgaa	ggaaaagcca	agagtctccc	tgtacagggg	120
ctgtcagaaa	ctgttggaat	cttacataaa	gtcaagtctc	agaaatgtcc	gatgcttcac	180
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<210> 35291

<211> 161

<212> DNA

<213> Homo sapiens

<400> 35291

ggaatataaa	agtaaagtgt	tcatatgctg	tcttgtggaa	actcacagcc	tggtagtata	60
caggtctgta	agagatcaag	taggagtttg	ggaaagggtt	caggaaagag	ggggatattt	120
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<210> 35292

<211> 282

<212> DNA

<213> Homo sapiens

<400> 35292

catatgatta	gatgagaccc	acccacatta	ttggcaatct	cctttactta	tagtcaacgg	60
actagatgtt	aactgtgcc	gcaaaataac	ctttatagca	acatctagat	tagtgggggt	120
tttgttgtt	ttttgagaca	gagtctcctt	ctattgccca	gactggagtg	cagtggcgcg	180
atctgggctc	actgcaacct	ctactctcag	gttcaagtga	ttctcatgcc	tcagcctctc	240
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<210> 35293

<211> 208
 <212> DNA
 <213> Homo sapiens

<400> 35293
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 agtggttcagt agcagcgggg atagcccggg gcccggtgta tggccacgga gttacagtgt 180
 ccggactcca tgcctgtgty caaccagc 208

<210> 35294
 <211> 379
 <212> DNA
 <213> Homo sapiens

<400> 35294
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 gagcagggac tatcaatctg gaactcagag acgaaaccat ggagtgacag gtgcaggtta 120
 agagcctgtt aggtccaaaa tgggtgcccc gaaattcaag ttaagtcaag cccatgttgg 180
 aagaccacca gtcttgcccg accaaccctg ccctcagctg ggccacacca gccaccacc 240
 atgagcacac agaatggcag tgacacacaa gacagccag cactgagtga ctcagtcatt 300
 acaacctatc acctaaagcc aacaragatt gtgacttggg tcaccaaacc aataggargt 360
 caacattatt cgggaggcc 379

<210> 35295
 <211> 272
 <212> DNA
 <213> Homo sapiens

<400> 35295
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 tgagagagaa aaaaaaaaaat ctctgatta gctttttact tttgaaattc aaaaagaaac 120
 taccagtttg tcccaaagga attgaaattt tcaaccaaac tgatcatggg tgaaatatct 180
 tacccttagg aactggatac cagttatgtt gacttccttc tgcatgtttt tgccaaaaca 240
 gaatttgggg cacagcatct tttcacaggg ag 272

<210> 35296
 <211> 243
 <212> DNA
 <213> Homo sapiens

<400> 35296
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 gtaaagacaa aagttaagag tctgttgttg tggttcaggt agaataacag cctgaatcag 120
 gctggtggct gcggattggc aaaaagggca gacatcaggg aaggaggcaa ggtaaaatgc 180
 tagaatcatc aggactggac tgaggagact ggtggctaga gagatgggtat tgtcattgtc 240
 agc 243

<210> 35297
 <211> 210
 <212> DNA
 <213> Homo sapiens

<400> 35297

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aatgccttgc	ttattaaatg	cactgaataa	attcttttga	atgagatgga	tattgtaaaa	120
ttctcatgtg	cctcctgaag	ccttctaaat	tgtttttatt	ttgagtgtat	tatattaagt	180
tccatttgta	actggttctg	tatggtgacg				210

<210> 35298
 <211> 214
 <212> DNA
 <213> Homo sapiens

<400> 35298						
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agtaaaaccg	ccgcccggga	gargactgaa	ggagcagttg	ccgccgttgg	cgcgggccga	120
gcagttttcg	ctgctgctac	ggctgttgcc	atgaggcgag	gctagggagg	acctcacttc	180
cccggggtgt	aataatgtta	actgagacca	gtcc			214

<210> 35299
 <211> 153
 <212> DNA
 <213> Homo sapiens

<400> 35299						
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cccgtctgcc	ttggcctccc	aaaagtgtctg	ggattacagg	agtgagccac	cgcacccggc	120
cagcaatttt	ttaatatgtt	tgaatccaac	aca			153

<210> 35300
 <211> 304
 <212> DNA
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<400> 35300						
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cttagtctgg	wtgcagagaa	tagtacctgg	atttcctcaa	ctgaaagtgt	gattatnacc	180
ccttcctttc	aggattttgtg	agggttagag	acaatgtatg	ttcaatgcct	agcacataat	240
gggccagcca	ctkcaataa	taaaacatac	caacaatgtg	ggtaggtgca	aagaatttgt	300
tgac						304

<210> 35301
 <211> 335
 <212> DNA
 <213> Homo sapiens

<400> 35301						
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aagggcgggg	aaggcagttg	gagaagaggt	aargcggtk	ctcactccat	ggctgcagca	120
aggagagggc	gcggcggcct	cggctgaaga	aagaaggtgg	gagcggagag	cgaggcgctg	180
aaaccacact	tgtcccatcc	acatcaggac	atcccagctg	gagttcaacc	ttcatccctt	240
ctgtggcagt	taggagactg	nvkcaaggtc	cagagaaggt	ggaggaatcc	tgatactgag	300
cggaatcttc	ccaaggctgc	agacaccgrc	tcac			335

<210> 35302
 <211> 229

<212> DNA

<213> Homo sapiens

<400> 35302

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gtggtagggg	aaggaattta	agaacagcaa	taagtaaaac	tcttaagtaa	ctccaaaaag	120
aaaatggtag	atcttgccaa	agaccactta	tacttgagaa	catggaagaa	tttgccctgat	180
actctctttg	gggaaaagag	tctctcctct	tttcctcaaa	ccccagtag		229

<210> 35303

<211> 320

<212> DNA

<213> Homo sapiens

<400> 35303

ggggcagcca	tgccctggccg	tctgctgccc	ggcctgtggc	agcgatggcg	ccgttacaag	60
taccgcttcg	ttccctggat	cgcactgaac	ctaagccaca	acccgaggac	cctccgatat	120
gttccagagg	aatccaaaga	caaagttatc	tcagatgaag	atgtcctagg	arcattactg	180
aaagttttcc	aggctctatt	ctaaatgatt	tcaataaaca	atcagaaatc	ttgactatgc	240
ttccagaatc	tggttaaatca	aaatatcaag	acctactggc	agttgaacat	caaggggtga	300
aactgcttga	aaacagacgt					320

<210> 35304

<211> 216

<212> DNA

<213> Homo sapiens

<400> 35304

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ggaattttga	agattgtcat	tttttcattc	gagtcyctat	gttaaacatt	ccatattttg	120
aatatattata	tcttgacttt	gggtttaaga	gaagtagctg	gctctcaaga	ttgactggct	180
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<210> 35305

<211> 356

<212> DNA

<213> Homo sapiens

<400> 35305

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tgagatgaga	gacacctcac	ccttcattgat	tgcccagctg	gccacctgct	cccattgacc	120
agctcttcc	taccctccct	aattccatt	ttctcacaca	cagatgcatt	tcttccctgc	180
taaaaacccc	taatttttagg	tggttgaggt	catggggtga	ctctgagtaa	cagtcagagg	240
aacctccaaa	tgggtttccg	aggtggctgc	tctttacatt	cccatgagca	gtacaggggg	300
cgcggtttcc	ccacagcctt	gchgtcgttm	gsctscatt	ttcagtgatt	ttattt	356

<210> 35306

<211> 258

<212> DNA

<213> Homo sapiens

<400> 35306

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gtttcatatg	tmmtttaatt	gccagaaca	aaatctgtat	tacttttact	tattatggct	120

atgtgtataa	ttatatgtct	agttttcttt	ttttaacag	ttaacttgat	attctataacc	180
acttgaatat	ttttaattct	ggaaaatcag	tttttcttag	tgctcccttt	tccaactctt	240
ctcactcctt	cctccmtc					258

<210> 35307
 <211> 236
 <212> DNA
 <213> Homo sapiens

<400> 35307	
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aaagagtaat	tggtttggaa ggagacaaaa tcctcaccac tagtccatca gatttcttta 120
aaagccatag	ttatgtatth ggaaactaag cagttcctat taagatgctg ttgctggccg 180
gccgcggtgg	ctcacgcctg taatcccagc actttgagag gcccaaggcag gcagat 236

<210> 35308
 <211> 204
 <212> DNA
 <213> Homo sapiens

<400> 35308	
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cagtaagtaa	ataaaagcct tcggtaataa tcatgacaat acaagaggct gagcwaggct 120
acaggggaaa	actattgtgt tgtaaagttg catcgctatt ttatattaaa atgtaatgat 180
cagcatcatg	aacaatgagc tctc 204

<210> 35309
 <211> 63
 <212> DNA
 <213> Homo sapiens

<400> 35309	
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act	63

<210> 35310
 <211> 339
 <212> DNA
 <213> Homo sapiens

<400> 35310	
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aatcacataa	attagcattc ttttagtatcc cttttgtctc gctctccttt ctcacatgt 120
tggttggtgt	tgaggttttt gacattagtt attctagata aacattctct tcttcagtct 180
tagccttttn	tttsagacag agtcntgctc aanbgcvcag gctggagtag agtggcacga 240
tcttagctca	ctgcaatctt tgctcctgg gttcaagcag ttctcctgcc tcggcctccc 300
aggttgctgg	gattgcaggc aacaaccacc acgcccggg 339

<210> 35311
 <211> 255
 <212> DNA
 <213> Homo sapiens

<400> 35311

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tgtgtgcaag gagccgtgcc acaggcagat gracagtctg gtaggagrkc tgggcacata	120
cacctggata taacactctg caaaagarga tgggcaatgt gaagtcccc agaactctag	180
gagctcagag ctggaattgg gagctgggcg tatattgtac tagaaaatca gtggtattat	240
cacaaaggaa aagct	255

<210> 35312
 <211> 149
 <212> DNA
 <213> Homo sapiens

<400> 35312	
caagatgcat gaaaagagaa acaccaaaca aaagaatgat gaaaagacac cacagggagc	60
agtacctgcc tatctgctgg acagagaggg acaatctcga gctaaagtac tttccaatat	120
gattaaacag aaaagaaaag agaaagcgg	149

<210> 35313
 <211> 137
 <212> DNA
 <213> Homo sapiens

<400> 35313	
gagatctggc atttactgag cacctatgac atttgccatc tgccaggtag ctcattggggc	60
actttatata cattattcta ttttaagactc acagccaccc tgtcaatcaa tttatgatta	120
tttattgaga ccctgk	137

<210> 35314
 <211> 164
 <212> DNA
 <213> Homo sapiens

<400> 35314	
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tgtagtacag atatgtgcat tcatgtctgt aaattaggac aagacagacc tattaaaaca	120
ttccaaggac atacgaatga agtaaagtct atcaaatggg accc	164

<210> 35315
 <211> 295
 <212> DNA
 <213> Homo sapiens

<400> 35315	
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tggcaaaaaca caaatggcaa cataratgtc catttgactc acctaacttc acaactttca	120
agttgaggat gtcatttatt ctggaatttg tttttttact agatgctttc amttaatagc	180
cctatatattt tgtgcaggcg aactgtataa caggataaaa aatgatttgt atgtattgaa	240
aaggaggaga aattctcaca gaacaccata tgagcttttag accngaaggg gncaa	295

<210> 35316
 <211> 112
 <212> DNA
 <213> Homo sapiens

<400> 35316

aaaaatgtgt ttcactgaaa atttaaagaa atatttagaa ctcttttcag tggtatataa 60
 tgagggaat ttagtttaac tccagcctcc caacctccca ctccccacct ct 112

<210> 35317
 <211> 112
 <212> DNA
 <213> Homo sapiens

<400> 35317
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 ttttgtaag aaggaaacat ttagcattta tatatttgtg tatggaaaac ac 112

<210> 35318
 <211> 97
 <212> DNA
 <213> Homo sapiens

<400> 35318
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 cgtagttga aagatgctat aaagatataa gggatta 97

<210> 35319
 <211> 284
 <212> DNA
 <213> Homo sapiens

<400> 35319
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 atgaggtatt ttttatttaa agaaaatggg gatattttct ttttttttga gatggagtct 180
 cactctgtca cccaggtctg agtgccatgg tgcagtcttg gctcactgca acctccgccc 240
 cctgggttca ggcgattcta ctgcmmtcag cctcctgagt agct 284

<210> 35320
 <211> 173
 <212> DNA
 <213> Homo sapiens

<400> 35320
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 aaaataggaa agaacctatg ttgaaatatt gggggtgggt cccctgatag ttgagcaaga 120
 aagttttgta gaaaatttgg gtgaaagawa tgcagagatc ttgttccagg cgg 173

<210> 35321
 <211> 375
 <212> DNA
 <213> Homo sapiens

<400> 35321
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 gaaatattat cagggaaatg acagcaggac ttcgtgggaa gatgtggaac gccacaggga 120
 aaggaaaagg ctttgggggt ctttcctctg ggaggtaaag tgcaagctaa ttttgctttg 180
 gtgttttttt gggatttgca ggaagtagtc attatgtcag aatccatgaa gattgagttc 240
 caattatcaa ggggtgaaaa tcgccaagca aatatttgtc attgataaga tacttcataa 300

tcagagtggc ttctcacacc catagtaagc tctgctggca gggctttcga acttgaattc 360
ctgctcgaca ctaat 375

<210> 35322
<211> 97
<212> DNA
<213> Homo sapiens

<400> 35322
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ctgtgcaggc tgaaatagct ctagamacct gctatga 97

<210> 35323
<211> 219
<212> DNA
<213> Homo sapiens

<400> 35323
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ccattctaga tattcttggt ttgacaaatg acactacagt ctcgtaatat tgtcttttat 120
gtatatacaa aatttacctt tttactagca tctgagatag agttactttc tggtagccag 180
tatattggag tctgtcagam actctataat aggccacct 219

<210> 35324
<211> 243
<212> DNA
<213> Homo sapiens

<400> 35324
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tgacctggag aaattgagga agcaggaagc acatttgaga aaagaaaaat atagcactga 120
tgcaaaaata aagacctttg aagacaattt aattgaagca aggaaagaag ttgaagtatc 180
acagagtaaa tacaatgctc tatcattaca gttgagtaat aaacagactg aacttatcca 240
gaa 243

<210> 35325
<211> 289
<212> DNA
<213> Homo sapiens

<400> 35325
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cctaaccac agcactgtgc atttccaaac ccacagagtc ctcaaccact gaaagatgag 120
agttggtgtt taaaatecca tgtccctccc cactcagttg gagggataac tctgaggtgt 180
gttctacacc gattcccaga gttccccagt gggattaagt tgcccacagc agaaactggg 240
tttataacat cgtttattga ctgccttctc tcctatctca tgtcccccc 289

<210> 35326
<211> 189
<212> DNA
<213> Homo sapiens

<400> 35326
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ttcaaccaac gcttccatgt ctctactctg tcgtaacaaa ggctgtgggc agcactttga	120
ccctaatacc aaccttcctg gtcagagttg cctctgaagc tgctgccgct aaatatatcc	180
caagcccct	189

<210> 35327
 <211> 153
 <212> DNA
 <213> Homo sapiens

<400> 35327	
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tggctaagga aaccctatta cctccaggct cgcttctcat atgtgcggat gaaatatctt	120
ttcttttctt ggttagtggt tttgttgga agc	153

<210> 35328
 <211> 327
 <212> DNA
 <213> Homo sapiens

<400> 35328	
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tccattggcg tgaagtctcc agggccagaa ggggcctttg tcgcttctc acaaggcaca	120
agttccctt ctgcttccc gagaaagggt tggtaggggt ggtggttag tgcctataga	180
acaaggcatt tcgcttcta gacggtgaaa tgaaaggga aaaaaggaca cctaattctc	240
tacaaatggt ctttagtaaa ggaaccgtgt ctaagcgcta agaactgcgc aaagtataaa	300
tbatcagccg gaacgagcaa acagccc	327

<210> 35329
 <211> 123
 <212> DNA
 <213> Homo sapiens

<400> 35329	
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gaccctgcc cagcctctgg gatcgcgggc cctgtgggga gggcgagg agaccacgcc	120
gga	123

<210> 35330
 <211> 259
 <212> DNA
 <213> Homo sapiens

<400> 35330	
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tctggaatcc cttatctct accttatctc aactggacat gccagagcac cctcttctgg	180
cctccaaaat gctacgcct gcatggcaac caacacctga gaatccctgc attattcaaa	240
atagaaccaa gggcaacgc	259

<210> 35331
 <211> 157
 <212> DNA
 <213> Homo sapiens

<400> 35331
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 accaattatg gtatacaaaa ataagcctat aaatgtgttt cacattgcta acttgagttt 120
 cagttgattc agtttgtaat aactagtaat gagcttc 157

<210> 35332
 <211> 131
 <212> DNA
 <213> Homo sapiens

<400> 35332
 taaaacattt tagaaatatt ctagagatgg gcaggagagt caaagggctt gcttgcccca 60
 gcagagttcc cagcagacag ccatggctct tcccagcagc ctgtgcaaat tctgatgatg 120
 gcccccccc a 131

<210> 35333
 <211> 274
 <212> DNA
 <213> Homo sapiens

<400> 35333
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 tggaagagaa aggctttatt gggaaattga tcggttttca taaaacaaat ctgtcatatt 180
 taaaaatggg cctgcataga atatagtgtg tatgaaaagt ggtggctaca gaatccttgt 240
 agttaaagct cagaaagttt tgatagccag cgar 274

<210> 35334
 <211> 251
 <212> DNA
 <213> Homo sapiens

<400> 35334
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 gcattcttcc tttaccagtc aaatgctccc aggtcatatg ccagttaaac tccaccatgt 180
 tgcctcttag tgcacatgct tgagcccact cgcccagctc ctgagatctt atcgggaagc 240
 tgctgatcac c 251

<210> 35335
 <211> 150
 <212> DNA
 <213> Homo sapiens

<400> 35335
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 agagtcagag aagaccagca aaaagattga aaatgggcat tgccgtccct gaatccttta 120
 tgaatgaagt ttctgtaaat aacctgggtc 150

<210> 35336
 <211> 192
 <212> DNA
 <213> Homo sapiens

<400> 35336

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aatttttttaa ttgtattact atgatgttca gtaaatgctg agtgaactta cattctttta	120
aatacatcaa aagaggctgg gtgcagtggc tcacacctat aatcctagca ctttggggagg	180
ccgaggcggg gg	192

<210> 35337

<211> 315

<212> DNA

<213> Homo sapiens

<400> 35337

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aatccctgtc tagatgcaga ggacttggtt cctattccag tgctcctccg gtagcaggga	120
ggcgacagaa ggtgtccaac tatccattac caagaagaaa tctattcgtt tgagcctgag	180
acactctttg aggtaaaaaa ttagaatgaa agaacctttg gatgggtgaat gtggcaaagc	240
agtggtagca cagcaggagc ttctggacaa rattaaagaa gaaccagaca atgctcaaga	300
gtatggatgt gtcca	315

<210> 35338

<211> 139

<212> DNA

<213> Homo sapiens

<400> 35338

cttggggatc cttttattat aattcacagt atctcactgc taaatgctga agaacattct	60
atagctaccc tacttcttcg aatagagaaa gaggaattgg atatgaaagg aagtggtttc	120
tatgtttctc tggagtggg	139

<210> 35339

<211> 231

<212> DNA

<213> Homo sapiens

<400> 35339

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tgtttttctg aactctacta atgtgtattt tacaactatc tatacatttt tcttttttaa	120
aaggacactg tcaagtactt ttaaactgtt aattgtaatt ttaaaaattt cctgcatgta	180
tttattttta tttctattga ctgctctttg attttctttc ttggaacgga a	231

<210> 35340

<211> 187

<212> DNA

<213> Homo sapiens

<400> 35340

ccactccaca aaccactaaa attttagttt tagcatcact catgtcaatc atatctatga	60
gacaaatgtc tccgatgtc ttctgcgtaa attaaattgt gtactgaagg gaaaagtgtg	120
atcataccaa acatttccta aactctctag ttagatatct gacttgggag tattaataat	180
tgggcc	187

<210> 35341

<211> 177

<212> DNA

<213> Homo sapiens

<400> 35341

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tatmagahaa	acttaaatga	agctgggggc	ggtggcctgg	gcaatgtggt	gaaacaccat	120
ctctacaaaa	aatacaaaaa	ttagctgggt	atgggtcccag	ctactttcag	ggggcgga	177

<210> 35342

<211> 276

<212> DNA

<213> Homo sapiens

<400> 35342

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aactgaagg	gcagtcgggt	agtattacat	ttaagatatt	aacgcccgaac	ctggctcaca	120
ggagtgtggg	aacagggggc	gggaagggcc	ttagcactga	gagccgaaaa	gtataaracg	180
attagtttgc	gcgtcaggcg	ttttgaaagg	ctttgcagg	cctgttttct	gcgtaatttt	240
tccgtgatta	ctgactgggt	ttaacacgac	cccgaac			276

<210> 35343

<211> 220

<212> DNA

<213> Homo sapiens

<400> 35343

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aagaagaagc	tgtagtrgaa	ggccttgtgg	gcatgagaag	gatttgggat	tttattttga	120
ataacatgag	cagtgtttaa	gcagaagcat	ggcatgattt	cttacacctg	ttaataattt	180
ctctagtcat	ggacagagaa	taagttgcaa	caaggcaaaa			220

<210> 35344

<211> 275

<212> DNA

<213> Homo sapiens

<400> 35344

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tgactgcatt	grarggctgt	tcccagagta	agtttgtttg	ggggaagggt	tttatagcct	120
gaatcaaaa	tattttgagt	ttaaaagcac	aatttttttt	aaaaaaagt	ttgagtctgc	180
agggtgtaaa	ctcattttga	taataaaaaga	tgtgggttaar	aagggtgaata	avaatctgtt	240
atttttktct	ttttcagttt	ttaataattg	ccatc			275

<210> 35345

<211> 332

<212> DNA

<213> Homo sapiens

<400> 35345

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cataattttc	caaccctgct	ctgatgttaa	tcctccgttt	acggaaagt	tctatagaaa	120
ggtacatact	cagatagagt	tgtagatcgt	ctgcctatct	ccatatttgt	tcacagaaac	180
tgctgaagag	tagatttttda	agaatcaaaa	taattaadtg	tccactttta	ttcagataaa	240
aattaaggaa	ataattcaga	ttatgttttt	daraacaatg	actttttatt	aattcactac	300
catgtgactt	ttcttcttga	agattgatat	aa			332

<210> 35346
 <211> 372
 <212> DNA
 <213> Homo sapiens

<400> 35346
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 gaggcagagg ttgatttact cagttattgt gcaagagaat ggaaaggaga gacaccccgt 120
 aacaagctga tgaggaaggc ttatgaggag ctattttggc ggcatcacat taaatgtgtt 180
 cgacaagtaa ggagagataa ctatgatgct ctcagatcag tgttatttca gatattcagc 240
 cagggcatct cttttccatc atggatgana gamaaggaca ttgtanbagc ttcctgaaaa 300
 actgctgttt tcacaagggt gtaattggat tcagcagtac agttttggtc ctgagaagta 360
 tacaggctcg aa 372

<210> 35347
 <211> 381
 <212> DNA
 <213> Homo sapiens

<400> 35347
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 rragcaatca gtatrgaaat ggakaaatgg cttaccatgc atgtnccttct ccccaggagg 120
 gaggtcgtgg tgcaggcgag cagacgccag actcctggam acttgccgcc tgcgttatgg 180
 aggcttagct aataaccttg caggggtctt caggcttttc cactggctca cctttaggct 240
 tctgacactt wtacctacga ttgawaaaag acgagattcc atgagactag aaatgtagga 300
 gcatctcaga ccttcacaga acgctctgtt agaagatgag aacataacgt tgcttgtgag 360
 aagtgaagcc agctggactt c 381

<210> 35348
 <211> 132
 <212> DNA
 <213> Homo sapiens

<400> 35348
 caatattttt ttaattaatg aaattttttt taaaggagca gtccaaagat ggtgacaagt 60
 cttttttctt ttactttcaa ggcagtttta ggaagcattc cctgtctatc ttccaaatat 120
 gatctggatt tt 132

<210> 35349
 <211> 271
 <212> DNA
 <213> Homo sapiens

<400> 35349
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 gctgttttat tatgggcaag aaaaaaatgg tttacaaatg acacatcctt tttttttctt 120
 cttgagacaa gttctcggtc tgtcaccag gctggagtgc agtggcgaga tcacgggtca 180
 ctgcaacctc gacctcctgg gctcaaatga tctcccgct cagtcccctg agtagctggg 240
 actgcaggct ggcaccacca tgcgcggctc t 271

<210> 35350
 <211> 250
 <212> DNA

<213> Homo sapiens

<400> 35350

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atatatytyy ycgaagccag tactgtgctc tgcataaac aaagctgctt	caaggatgag	120
acctttttct aaaagcatgt aatgtgagam gccggcctgc cttattttct	tttttctttt	180
ttaatgatta amaatagttt gtggcaaggc acggtggctc aggcctgtaa	ttctagcact	240
ttgggagggc		250

<210> 35351

<211> 277

<212> DNA

<213> Homo sapiens

<400> 35351

tttgaaaca aggtgtgatt atgctatact ataaccagcc cttaatattt	tttgtctgta	60
aatatgttgt taccatttt attggcttta tagtattcac ctgtctttat	caaaccctaa	120
ttttgtcaaa tattaataat ttgtccatta taaacactta cttgatggc	cccttttcag	180
tgtgtctgat ttattttatt attgttcatt tcagagataa tgtatcaatt	gcttttgc	240
ataaragatt ttacattac agataaagcc ggcctca		277

<210> 35352

<211> 265

<212> DNA

<213> Homo sapiens

<400> 35352

cctgcccaca aggaatttgc attctaatta gattatgaca gtatggccca	gattccattt	60
cagatgtgcc agttcatgtg cattttccat tttagttttc tgaaacagaa	acttcttggt	120
ctttaaagtt cttgttcttc acaagtttgt ttatactgag gaaagaaaaa	aaccagaa	180
attgggttca gacctctcca gagatgacag tactgcatta tatgaagaaa	tagaaagava	240
agagtattat gagtttgc	gcata	265

<210> 35353

<211> 391

<212> DNA

<213> Homo sapiens

<400> 35353

acagcccaaa atggccgcag aggtgtattt tggcgatcta gagctcttcg	agccgttcga	60
ccaccagar gagtcrattc cgaagcccg	tcacactcgc ttcaaggacg	acgacggcga
cgaggaggac gaaaatggg	tcggcgacgc ggactacggg	agcggcttcg
gagaccatcg agcagctccg	cgccgagaat caagaactta	aacgaaaatt
actcgaccga gtggaatatt	ggtgaacgat actaagttag	atggacctat
ctattcatga acaatgctat	ttcaaagcaa tatcatcaag	aaatagagga
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<210> 35354

<211> 203

<212> DNA

<213> Homo sapiens

<400> 35354

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tttagacaag tatgtttctg ttttgactgt cactgccagg tggtagaggaa gcaaagagtt	120
aagaaaataa caggcagggtc tgaggaaaagt gatttagaaa aatattttga tttattttaa	180
ctttaaacta cagagtagaa ggt	203

<210> 35355
 <211> 167
 <212> DNA
 <213> Homo sapiens

<400> 35355	
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gtatatttca tatagttcac aggaagaaat ggatttctaataaagtgtctt tgcttaatga	120
acaatttctt ccaactcatta gactttttaga aagcaaatac cccctc	167

<210> 35356
 <211> 297
 <212> DNA
 <213> Homo sapiens

<400> 35356	
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caatgtagac aaaaatgttt gggatgggga gatgttgcc agaaaaactt catgccaaca	120
agcataatgc tttcaggagg gctcaaaagg aagttacttg atgactaaac tattgctcac	180
aatttgtttt gggcttatag gattcggagg tgcaggggca gaatgatgcg atacttttcc	240
tcacttatta tragggtcac agcccataac aaaagacagg ttaacaagag aagagtg	297

<210> 35357
 <211> 172
 <212> DNA
 <213> Homo sapiens

<400> 35357	
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cccacgcctr gcamagagcm tggmaaagag taagcgctca aggaagatct gtgaamtga	120
tgcattgctaa aaggaagccc cgcgctctgc cggggccctg gaactcaggc ca	172

<210> 35358
 <211> 383
 <212> DNA
 <213> Homo sapiens

<400> 35358	
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tccccccact gctgtaaagc agcagtcctc aacctttttg gcactagggg ccggtttcct	180
ggaagagggtg gggatgggat ggtttcggga tgaaactgtt ccacctcaga tcaccaggca	240
ttagttagag tctcataagg attgcgcasc tagatccctc ccacgcggag atcacaatag	300
ggtttgtgct catatgagaa tctaattgcca ccgctgatct gacaggaggc ggastcagat	360
ggtaattgtga gcgatgggaa gca	383

<210> 35359
 <211> 236
 <212> DNA
 <213> Homo sapiens

<400> 35359

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tgatatgatct	tgctcatgac	ctgctcagaa	gtgakgctca	ggaagaccac	ggttgtgaat	120
gatggtggct	gacctgactc	agagcataac	ccggcccaca	agtcctcaa	catactggcc	180
atcttgtaat	bsctgttcct	acccaattta	atgaatagta	tacctcattt	actgcc	236

<210> 35360

<211> 313

<212> DNA

<213> Homo sapiens

<400> 35360

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aacttttaggg	gagggaaaat	gggaacgtgg	ggagaagacg	tgaggcggca	gatctgaaaa	120
agatggtcat	tccggactcc	tgacgccgcc	agtcccgcgg	tgagatgtga	gcgccattgg	180
cgtccgtggc	ctctgtttcc	gtggcaacct	agtaaccatt	aattttcaat	taaaggagac	240
aaaaagctcg	atgacagctc	caggtctgct	gaagatgtca	agaatctgta	ttaatatata	300
gcaagagagc	aac					313

<210> 35361

<211> 286

<212> DNA

<213> Homo sapiens

<400> 35361

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cagtttagtct	accttaatgt	taaaatcctt	ttggtatggt	agcagttata	ttcttaatgg	120
aattttagttg	ttaaagtaag	atgaaactgc	tttatattam	actctagtct	ataacagtga	180
tctaatacaag	ttccaagata	gamtcactctg	cttatttagcc	aaggcaatca	attagttcaa	240
tcaggaattt	tatgtctgat	gggacagaat	agtatccacc	ctccaa		286

<210> 35362

<211> 172

<212> DNA

<213> Homo sapiens

<400> 35362

cagcttggttc	cagtagtttt	ctattcatgg	ggaaaaaaaag	gttttggggg	gcttttgagg	60
acaattttta	aagttaaatt	tcttatttgg	aaaattgttc	tgaatttgat	atttaggagt	120
ggccactcca	atcttagtga	atttgctcat	ctcttcaggt	aatcagccct	gc	172

<210> 35363

<211> 150

<212> DNA

<213> Homo sapiens

<400> 35363

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tagcaattaa	ttggattttt	tggtaaagat	tgccttctgt	ataatgtttg	gattatataa	120
aattgcaaaa	atgataacag	cccgttccc				150

<210> 35364

<211> 194

<212> DNA

<213> Homo sapiens

<400> 35364

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gtcatcattt	agtatctggt	taatttttca	gtccaaagag	aggaaatcag	tcgctgagta	120
ttatttgact	ccggtctcct	tggtgcaaaa	acaaaatggg	aaahataaat	aagaataact	180
cagaaactca	aaag					194

<210> 35365

<211> 258

<212> DNA

<213> Homo sapiens

<400> 35365

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atgtacaggt	aataaacatc	cccaagggtt	gtggctggcc	atacacatag	gcatcagttt	120
aacaaccatc	agacctcagc	tgtacaataa	caggtgtttt	gtttaattaa	aattatactg	180
ttctgcagca	tttagacatt	tgtcacattt	cattagcttt	gacaaccata	ctgtaacatt	240
aaacctagca	ttccacaa					258

<210> 35366

<211> 258

<212> DNA

<213> Homo sapiens

<400> 35366

cttaggttgg	gctgctgaaa	caaaatacca	cagcctgagt	gacttaaaca	acgacaattt	60
atctctcact	gttctgaggt	ctgagttgat	tctttgtgaa	ggccctttcc	tagcttgag	120
atggctacct	tcttgctatg	tcttcacatg	gcaaagagag	agctagcttt	ctggctcttt	180
cttataaggg	accagtccca	tcatgcccat	catgaagact	cgatctgcta	ggatctcaac	240
taaacctaac	tatcaccc					258

<210> 35367

<211> 351

<212> DNA

<213> Homo sapiens

<400> 35367

taataatata	taaaaagcta	aatttttaaat	accagcttta	cataaatgat	tgtkgactct	60
ggtctgtkct	tgacaccttt	ccagaaaaaa	gtcaattggt	caggtacacc	aaagaggaag	120
aagagctgtg	gaggccaccc	tctacaaagc	tttatagaac	ttctggatct	aactcacaaa	180
caagcttcca	gaagagacta	gagaccttag	gccaggagat	gaaggagtgc	agtagcaaag	240
tcacacctgt	ccaattccct	gagctttgct	cactcagcta	atgggatggc	aaaggtgggtg	300
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<210> 35368

<211> 272

<212> DNA

<213> Homo sapiens

<400> 35368

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ttttcccaag aagtaagaat tgattgtgct gaatgttcaa actctggaaa ctgttcacag	180
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<210> 35369
 <211> 173
 <212> DNA
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agagacgggg gtttcttcat gttggtgagg ttggtctcga actcctgacc tcaggtgatt	120
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<210> 35370
 <211> 122
 <212> DNA
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cg	122

<210> 35371
 <211> 245
 <212> DNA
 <213> Homo sapiens

<400> 35371	
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tgtggtatca gggacagttg aacagggagt ctgtgagga cctctgaggt tgtgggttga	180
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<210> 35372
 <211> 151
 <212> DNA
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<400> 35372	
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atcctacggc tggacacttg agttgaccgt ttaakaatat gttagattag gatcaagagc	120
aggawatgga acattccaga tggagaggtt g	151

<210> 35373
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 <212> DNA
 <213> Homo sapiens

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acttgactac	ctgggtccctt	ttatatatat	ccatcagtg	gtgggtttttt	ttgtttgttt	180
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tttgtgccct	actcctagaa	ttaggcattt	gtccaaggag	ctgtgggtcc	ttttattgga	300
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<210> 35374

<211> 382

<212> DNA

<213> Homo sapiens

<400> 35374

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atccatttgt	acattagtat	ggttctacag	gaccccagct	gtggaagtaa	caaatttctt	180
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aggcttccat	gagctcagtg	tccaagaca	gcaaaaatct	ggtataccct	gtagaagcag	300
gggggtagca	aatttaggct	ctcttcgaaa	ttacttgtac	aatacgagtg	ccttcgcagc	360
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<210> 35375

<211> 200

<212> DNA

<213> Homo sapiens

<400> 35375

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taaatatata	acagtatcca	aagttatacc	ataataattt	attgtaattg	tgtattacat	180
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<210> 35376

<211> 115

<212> DNA

<213> Homo sapiens

<400> 35376

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<210> 35377

<211> 53

<212> DNA

<213> Homo sapiens

<400> 35377

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<210> 35378

<211> 164

<212> DNA

<213> Homo sapiens

<400> 35378

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atggtgaaac cctgtctcta ctaaaaattc aaaaattggg catt 164

<210> 35379
<211> 153
<212> DNA
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<400> 35379
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gatctagaac tagaaatacc atttgacca gct 153

<210> 35380
<211> 180
<212> DNA
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<400> 35380
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<210> 35381
<211> 79
<212> DNA
<213> Homo sapiens

<400> 35381
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<210> 35382
<211> 192
<212> DNA
<213> Homo sapiens

<400> 35382
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ataagrtctt tagaagttag ataaattttt cgctgggtaa aaaaaatcaa actttcctct 120
gcagtgtttt tgccaagttt tgtcacactt catgtgtatg cattaactat wcttcttagt 180
gttactgcaa aa 192

<210> 35383
<211> 265
<212> DNA
<213> Homo sapiens

<400> 35383
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cgggactacg gcccggtgag tggccgctgt cgtccctacg gagcagtggg cagagagggg 180
tagtggagga gggaagttag tccccagggc cgtttgcttt gcgcacgccg cgcaccgtat 240
cttcaaatac aagaatgacg gcctt 265

<210> 35384
<211> 156
<212> DNA
<213> Homo sapiens

<400> 35384
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aaatgttggtg aaataccaaa cttatggatt atcactaggt tatcaagcat atattagtct 120
ttatcagaat aaaatgaaat ttcataactg tggcca 156

<210> 35385
<211> 299
<212> DNA
<213> Homo sapiens

<400> 35385
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tgtgtacgtg tgtgggagag gtataagaga cctaggttgc catattctat cacagaaaat 180
gcataataac taaatctgga aaatgatgaa tagctgtaca accatattat ttagcaatag 240
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<210> 35386
<211> 355
<212> DNA
<213> Homo sapiens

<400> 35386
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agatgggtta tctgcctatg ttccagacac aagccgatat gttgtggttt gcccagtaca 180
gtctctgtgg tttactgaga ggaagtgggt cttgtgggtg aaggtctgat cttttcagag 240
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<210> 35387
<211> 246
<212> DNA
<213> Homo sapiens

<400> 35387
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accccgccc tagaactttt gccagtgctt tttctgaaac tctgtgtgcc cgggccccc 180
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<210> 35388
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<212> DNA
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<400> 35388

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gcgccacac	agtcctctga	aaaatatacc	tttgacagata	tcctctttgg	aaatgaacag	180
ataataagtt	cagcaagccc	atgtgcagac	ttctttttatc	gaagttttatc	ttctgaattg	240
aaaaaaccac	aagctaa					257

<210> 35389
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ggtcttacag	gaaaggtct	tttt				144

<210> 35390
 <211> 393
 <212> DNA
 <213> Homo sapiens

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gctgatgaaa	actctcaaaa	ccaggatgag	gccgggagca	gtggctcaca	ccacgcctct	180
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agcctgggaa	acttggaag	acccgatctc	tacaaaarat	caaaaaatta	gcaggatgta	300
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<210> 35391
 <211> 182
 <212> DNA
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<400> 35391						
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<400> 35392						
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gatacraaat	gtcatcgta	tcctctctta	tgaacaactg	tagtcaaaat	aagggtggc	180
aattttaattg	tkttgtatca	garatacact	gaccacactt	ttattgagtc	ctgccacatg	240
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<210> 35393
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 <212> DNA
 <213> Homo sapiens

<400> 35394
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 atgaatgaat gaatgaatga atgaatgaac gaacgaacaa ggtgggttaa tgtcagaaaa 180
 cttcctaagc atttgctccc caaacct 207

<210> 35395
 <211> 334
 <212> DNA
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<400> 35395
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 caaacaatag agctgtaaaa tacatgaagc aaaaactgac aaagctgaaa agaaaaatag 180
 gaaattacac tattacagtg gaaaacttta acatttctct ctcagcaaatt gatatagaaa 240
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 aacagtagac aatgaataat acacagtatt ttca 334

<210> 35396
 <211> 190
 <212> DNA
 <213> Homo sapiens

<400> 35396
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 gtgtatatatt gtatactatt cctcacgacc tctcagttcc accctaacca cagcagtttg 180
 tgcacggact 190

<210> 35397
 <211> 256
 <212> DNA
 <213> Homo sapiens

<400> 35397
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 cagtttagta ttacctctct gatggccttt actagaaagg cagtttttaga agctattgtg 180
 atccactaag gaaatgtttt aacagctaga gaccactgct tgcctgaaag gcgttcttaa 240

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256

<210> 35398
<211> 206
<212> DNA
<213> Homo sapiens

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aagccccgtc tctgctaaaa atatatatat ataagtbagc cgggcgtggg ggcacatacc 180
tgtgatccca gctactcggg agggccc 206

<210> 35399
<211> 136
<212> DNA
<213> Homo sapiens

<400> 35399
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ttttgtctga tataagaata gctactacta ctcatctttg gtgtccattt tcatagaata 120
tctttttcca ccccat 136

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<211> 220
<212> DNA
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tctggcaatc tattgctatg taacaaatga ccccaaaact tagtggtttc agataatgac 180
aaaatttatt ttacttaagt ttctgcaatc tatgtgagtc 220

<210> 35401
<211> 372
<212> DNA
<213> Homo sapiens

<400> 35401
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<211> 307
<212> DNA
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<400> 35402

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 taggattgcc caggagtcca acgatcacgt gtgtctccag cactgtttga gctggcttta 240
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<210> 35403
 <211> 383
 <212> DNA
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<400> 35403
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 aaacatattt ttvaagaagc tta 383

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 <211> 303
 <212> DNA
 <213> Homo sapiens

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 <211> 243
 <212> DNA
 <213> Homo sapiens

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 agcaccattt gttgaaaagg ttatcctttt ccccacttta tgtttttgtt tgctttgttg 180
 aagatcagtt ggctgtcctt tgtgatttac gctttaaaga ggttctgtgc aaaaatcaca 240
 agc 243

<210> 35406
 <211> 188
 <212> DNA
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 accccgcc 188

<210> 35407
 <211> 130
 <212> DNA
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<400> 35407
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<210> 35408
 <211> 182
 <212> DNA
 <213> Homo sapiens

<400> 35408
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 gc 182

<210> 35409
 <211> 255
 <212> DNA
 <213> Homo sapiens

<400> 35409
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<210> 35410
 <211> 183
 <212> DNA
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<210> 35411
 <211> 136
 <212> DNA
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<400> 35411
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<210> 35412
<211> 309
<212> DNA
<213> Homo sapiens

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<210> 35413
<211> 394
<212> DNA
<213> Homo sapiens

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<210> 35414
<211> 289
<212> DNA
<213> Homo sapiens

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agcgagaacc caagggtca tcacccccgc cgcgccttgc gccctccaga agaagctact 180
tgaccgcgcg asagaagggt aaccatgtgg acgcgcgcc ttcctttggg ccctccagc 240
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tagccattct tttattcctt tactttttta ataaacttgc ttttacttta tggaaaaaat 180
aaatttttaa atgactagat gaagc 205

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<211> 138
<212> DNA
<213> Homo sapiens

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ccccctctctc ccagcccc 138

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<211> 242
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<213> Homo sapiens

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ccataaattc tacaagaacc acagacaaga tactgttaacc ccatagaaaa ctctgtctac 180
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ac 242

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<212> DNA
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<400> 35418
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cctgctattc tgccatgtct ttccccctctc ctgcatagcc agatttgaag tgactgatac 240
ccaccccaaa ccttgctgtt cacagtctcc aattcttcat attctaattg gaaagtaaag 300
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<211> 180
<212> DNA
<213> Homo sapiens

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<212> DNA
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aaaggaagt ctgagctttt ttttttt 87

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<211> 124
 <212> DNA
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 ggat 124

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 <213> Homo sapiens

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 tacaggcttc atgttgagtt ttgtaaagag ctttctcttt gccaaaacat tttcagactt 180
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<210> 35423
 <211> 54
 <212> DNA
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<210> 35424
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 <212> DNA
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 aagagttcat gcttcaagac cagcccc 147

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 <212> DNA
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 mgtaaacgct ttttttaama gtatthttac tggthttata ccaatattat atgcagamat 180
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<400> 35426

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cacatttctca	gaagtgaag	aatgacacgg	tgttgtcagg	ttatacctcg	ataggctatg	180
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<210> 35427

<211> 147

<212> DNA

<213> Homo sapiens

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<210> 35428

<211> 159

<212> DNA

<213> Homo sapiens

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<210> 35429

<211> 285

<212> DNA

<213> Homo sapiens

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agttgcttca	cgttgcagct	cagcagggtt	gtccagctac	ataggctcca	gaaaacaaga	180
agcaagactg	gaaagctggg	gatgattgta	cgccctcgcc	tgaatcttac	gtggttcctc	240
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<210> 35430

<211> 279

<212> DNA

<213> Homo sapiens

<400> 35430

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atctttgtac	atttaagtct	gtattataat	aagcaaaaag	attgtgtgta	tgtatgttta	180
atataacatg	acaggcacta	ggacgtctgc	ctttttaaag	cagttccgtt	aagggttttt	240
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<210> 35431
 <211> 65
 <212> DNA
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<400> 35431
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<210> 35432
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 <212> DNA
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<210> 35433
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 <212> DNA
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<400> 35433
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 atggctatta tagctaaatt aactaaatgg cctgccacct gagaatctat tgtttatggc 180
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<210> 35434
 <211> 237
 <212> DNA
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<400> 35434
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 cggccacaga agacccaggt gatctgatcc cgggatccc gctccaagct ctctcgcat 180
 tttacagatt tcacccccgc gactatctcc ccaaaacgga gcctttatat caagaga 237

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 <212> DNA
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<400> 35435
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 tttattatat ktatttttat atgtaaaaat ttgagtgggtg 100

<210> 35436
 <211> 101
 <212> DNA
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<400> 35436
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 ttatggactc aagactgcga tcaggaatgg agactggcag c 101

<210> 35437
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 <212> DNA
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<400> 35437
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 tgcctattca acattgccat gcaaagtgtc aactcattat attcaaactg aatttgtgat 240
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<210> 35438
 <211> 135
 <212> DNA
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 <212> DNA
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<400> 35439
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 <211> 222
 <212> DNA
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<210> 35441
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 <212> DNA
 <213> Homo sapiens

<400> 35441

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<210> 35446
<211> 82
<212> DNA
<213> Homo sapiens

<400> 35446
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acacacacac acacacacac ac 82

<210> 35447
<211> 116
<212> DNA
<213> Homo sapiens

<400> 35447
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agttcttgtc caagtctcac acaatcccct gaagagtggg gaaaatactc tccaaagtcg 180
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aagcacaagt caaaaatggg agtctgca 328

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<211> 114
<212> DNA
<213> Homo sapiens

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<210> 35450
<211> 171
<212> DNA
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<400> 35450
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<212> DNA

<213> Homo sapiens

<400> 35451

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aatctgttat	ccattatcct	gaatccacag	aacctgaaat	acagcaagaa	atgtccacgt	180
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<210> 35452

<211> 99

<212> DNA

<213> Homo sapiens

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<211> 132

<212> DNA

<213> Homo sapiens

<400> 35453

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<211> 401

<212> DNA

<213> Homo sapiens

<400> 35454

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<212> DNA

<213> Homo sapiens

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ccga						245

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accattctgg	tttagttatt	ctaaaccaag	tgtggtcctt	ggagcagcaa	ttcagcatca	180
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<210> 35464
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 <212> DNA
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gcaactccgt	gagataaatg	acaaataagc	ttgtcagaat	gcttctgcct	agttttaatg	240
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 <212> DNA
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<210> 35467
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 <212> DNA
 <213> Homo sapiens

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 <212> DNA
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cacataatgc attcctaaat atatatgana atgtcataca aaatttcagc atcaaattgg      180
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 <212> DNA
 <213> Homo sapiens

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ttcagaaggc agctatgcaa attcacatgg atccaagata ttttctattt tttgttgctc      180
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 cttttctttc tttctttttt tttwaattaa agttctaggc tgcattgtgc caatgtgcag 300
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 tttgtaatac ctttgtaact actgtacagg tgcgcta 157

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 tcccctggat ccggtgagga aggggaaggc ttggcaggag tcggatgcct cctctgagga 180
 ctgaaggctt tccctgcctc catagttggc ttttgttctt tagcagagga gtttgattcc 240
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 <212> DNA
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 tttcagcttt ctacatatgg ctagccagtt ttccagcac tg 222

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 gggggaaagt tatagatttc agccttggat gatcagttta ggattttgag aattgatgtt 180
 tttccatatg gtttctgttt tccccagct ctccatttga accagctgct tgttttaaaa 240
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<400> 35476
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 accctgatgg ggtcaggaac aaagagccag cgtgggagag gtgatcaatg agcaggaggt 180
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gggttcaaga gtctcgctct gtcacccagg ctggagtgcg atggcacaat ctgagctcac 300
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tgtgaaggtc tcgattggca aatgagtgtg ctactttaca tgttccatt taatcatcac 180
accaaccctc tgaggcatgt tagagaggta gagtaggttt tctaaggtaa tgtctaatta 240
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cagcgctcgc tgctggagga caaagagaaa gtgtcagagc yvgaggcagt gatggagaag 180
caaaagaaga aggcggaatg gc 202

<210> 35484
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<213> Homo sapiens

<400> 35484

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aagggagaga	aaggaatagc	ctatgcctct	tacttgtgcg	ggtcagtgtt	cgctgaatta	180
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atggtcaacc	agttttcacc	cgaattttga	ctgtttcatt	tagaagaaaa	gcaaaatgag	300
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<210> 35485

<211> 303

<212> DNA

<213> Homo sapiens

<400> 35485

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acttgaattt	atccaaacaa	gctacctatg	acttagagtt	tgggcataag	ttttaaatc	180
aatgctcagt	cgaactggat	ctgggttcag	gccactcca	aggggtggtt	caggggtggt	240
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<210> 35486

<211> 294

<212> DNA

<213> Homo sapiens

<400> 35486

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caagggtttc	aaacaatttg	catgtttttc	akwtgctttc	aaatcttttt	ttaaaaaat	180
agtgtaaaat	atttnaataa	gccaaagcca	tgtggaattt	ttgttttagat	gccttaactg	240
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<210> 35487

<211> 260

<212> DNA

<213> Homo sapiens

<400> 35487

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tctaacattt	ggcttatctc	tttgccatt	cttggcagca	aggaggctga	tagttgttat	180
gaaagaggag	tcagtgtgga	gagtaggaac	ttattactct	tttttgcaaa	atcttccttt	240
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<210> 35488

<211> 153

<212> DNA

<213> Homo sapiens

<400> 35488

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ctcccgggtt caagcgattc tcctgcc 147

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<211> 134
<212> DNA
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<400> 35490
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atatgccatg cccc 134

<210> 35491
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<212> DNA
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<400> 35491
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<210> 35492
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<212> DNA
<213> Homo sapiens

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atctcgataa ccacaaaagc aattaaatgc ttttaaatta tagaaaacac taaaattttt 180
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<210> 35493
<211> 178
<212> DNA
<213> Homo sapiens

<400> 35493
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ttaattaaga ggaaacgaga gcagcggcag ttggtacggg aggagcaaga aaaaaaaa 178

<210> 35494

<211> 286

<212> DNA

<213> Homo sapiens

<400> 35494

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gtagagttag	taaactaaca	cattttgtac	actttgttaa	aatttgtaga	aaggctgtct	180
tctgaaaagg	acttttgga	gtgagataac	atcagctcta	agtgacacgt	gcctatatcc	240
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<210> 35495

<211> 246

<212> DNA

<213> Homo sapiens

<400> 35495

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gacaccacca	gaaggccag	ggctctcccc	atgagataat	cagagggaat	gcaggacgtg	180
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<210> 35496

<211> 347

<212> DNA

<213> Homo sapiens

<400> 35496

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ttttttgcat	acctgatgct	atgagtggtg	aaatctgtat	gaaacagatg	ccaacatttt	180
cttccatcat	ttacatactc	actttgcaag	ttgttttgct	aagtccttat	cacaggatca	240
acaatacctt	ggcttaaaat	agaagctcgc	aagaaatacc	aactatttgc	ttacaaatat	300
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<210> 35497

<211> 400

<212> DNA

<213> Homo sapiens

<400> 35497

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gccgtctacc	atggtgtacg	acgcctgccg	catcatctgt	gagcggatcc	cagaggcccc	180
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gtacaggaag	aracagagac	cctgaagatc	cgtatgctgg	atggaactgt	gaagacgatc	360
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<211> 308
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<400> 35498
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ccagagagcg aaatgttctt ttggggccag agtctgggca tatatgaatg caaatccgtg 120
tttgttcaca actaagccca gctgagacga tcacttttct gtaggccatt tgtccaggta 180
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ctgcttgg 308

<210> 35499
<211> 206
<212> DNA
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<400> 35499
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tcaaaaaagc aaacctctgc tgtttgttaa gtaggggatg ctggtgagag aacagcatga 180
aatggttaaca ttttgcattc tcccc 206

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<211> 349
<212> DNA
<213> Homo sapiens

<400> 35500
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<210> 35501
<211> 274
<212> DNA
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<400> 35501
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cattgttaaa tggttccttag gaaccaaaga gcc 274

<210> 35502
<211> 231
<212> DNA
<213> Homo sapiens

<400> 35502

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gctccccata	cctggaccca	catgggtggg	tgcctgttgc	atgtttaaga	gagaggggct	180
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<210> 35503

<211> 165

<212> DNA

<213> Homo sapiens

<400> 35503

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<211> 344

<212> DNA

<213> Homo sapiens

<400> 35504

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gcaaaaaaaaa	tacatgaaat	ccagatatga	acaggttgac	cttggttggga	aaatgwctca	300
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<211> 207

<212> DNA

<213> Homo sapiens

<400> 35505

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accaaaggga	aaaagtgcag	gacgaaaaaa	aaaaagtcac	ccatccatat	rgtagaaaag	180
cagctcaawt	tacgaragag	gccccctc				207

<210> 35506

<211> 178

<212> DNA

<213> Homo sapiens

<400> 35506

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<210> 35507

<211> 328

<212> DNA

<213> Homo sapiens

<400> 35507

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aattcaaaat	attttctgat	ttcccttgat	attccacttt	gacttatgga	ttatatagaa	240
gtgtgttggt	taatttccat	gtgtttggag	aatttgctat	tatcctttca	ttattgattt	300
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<210> 35508

<211> 67

<212> DNA

<213> Homo sapiens

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<210> 35509

<211> 457

<212> DNA

<213> Homo sapiens

<400> 35509

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tgtattttct	ctggcttact	tttgtttgct	tatacttggt	tatttctaaa	agctaaaaca	180
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tcaggtgcc	cctttcaacc	cacttctccc	aactacttat	cccagctcct	gaccccgagg	300
ccctggcatc	tactgtgaat	atTTTTTTTT	tgaattttta	tacttcgctg	ctcccaaattg	360
agcaccccg	gagaagtcca	ggcttcatgt	acttgccag	gaattccttg	tccccggacc	420
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<210> 35510

<211> 254

<212> DNA

<213> Homo sapiens

<400> 35510

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aaaccacga	tctgaatcaa	catctgcaag	gccatctaga	tcagaacgaa	attcaactga	180
agcgtaaca	gaggtccac	ctaccagagg	tcagaggagg	gcaagaagca	ggagcccaga	240
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<211> 346

<212> DNA

<213> Homo sapiens

<400> 35511

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tgtgtgtttg gttgaacgcg tgcctgagtg tacagggtgca ctaatagaaa ctgaactgat 300
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 gtgaagggtta agcaaasmgg aaaaggaagt tatttcttca acagattaag gatttttcta 180
 cacacagttc ttttgtggca ttggccacat gtccattaga ccaatttgat agtatcttcg 240
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 gacatagacc agagggagat ttkwctccct ctgtgcccta gatagctcat tgctggctta 360
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<210> 35513
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 <212> DNA
 <213> Homo sapiens

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 cctcacacat tgttttgaca tatttctagt cttcataaac ttttttaatt tagatttttt 180
 tcccttcaca agtatacatc tgtttttagca aatagcctta tgaaggttgt agatgtatta 240
 ttttgggcat gcctggtgc 259

<210> 35514
 <211> 234
 <212> DNA
 <213> Homo sapiens

<400> 35514
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 agagggaact atgccaatc catatctgtt aacatcttag acccacaggg tcatattgga 180
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<210> 35515
 <211> 464
 <212> DNA
 <213> Homo sapiens

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 gttgtggggg gggggcagag gggagggata gcattggaag atatacctaa tgctagatga 180
 cgagttagtg ggtgcagcgc acagcatggc atatgtatac atatgtaact aacctgcaca 240
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 agctaaaact gaaaaamaat aaaaataaaa raatamnav aataavaata aaavaagtta 360
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<210> 35516
 <211> 134
 <212> DNA
 <213> Homo sapiens

<400> 35516
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 aaatatacag agat 134

<210> 35517
 <211> 105
 <212> DNA
 <213> Homo sapiens

<400> 35517
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<210> 35518
 <211> 156
 <212> DNA
 <213> Homo sapiens

<400> 35518
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 ggaattttca atccccctgtg cttgtctaac gtctgc 156

<210> 35519
 <211> 158
 <212> DNA
 <213> Homo sapiens

<400> 35519
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<210> 35520
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 <212> DNA
 <213> Homo sapiens

<400> 35520
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 aacatggtag tggaactcct agccagagta actaggaatg aaaaagaaat aaaaggcatc 240
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 accctaaata ttccacacca cc 322

<210> 35521

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<211> 264
<212> DNA
<213> Homo sapiens

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taatagatct catactacaa ttgctaaata tgcacagtac caggcctcct cattccagga 180
atcattgaga gtaagtattt gtatcctaaa gattatttta ggattttaaa gatgatttta 240
ctttggagtt ttgaaaggac acac 264

<210> 35522
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<212> DNA
<213> Homo sapiens

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ggttgctctg ttgtgacagc tttacctcct tgctatgtat tctcagatat tgcaaacgga 180
cgagagaaaa gtggagaatg aatcctggag aaaacaaggt cgttcgacga tttcgacacg 240
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tagatgctgc agtgaaagcc acagagccac ggaaggccga gactccacca tgtttgtgat 360
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<210> 35523
<211> 178
<212> DNA
<213> Homo sapiens

<400> 35523
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gaagcagagc acagggttatt gaaagctatg ggttkgcagg aatatcctga aaatgatgag 120
aattgccttc ccctcacaga ggatgagctc aaagagttcc acatgaagac agagctaa 178

<210> 35524
<211> 305
<212> DNA
<213> Homo sapiens

<400> 35524
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cctcttggtt gtcatcgccct catggcccag ggtcagaccc cctgggtctt ggatgggttg 180
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agcac 305

<210> 35525
<211> 245
<212> DNA
<213> Homo sapiens

<400> 35525

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caaaggtgaa	aggtcaggga	atgctccagg	aaacaggtga	tgtagggagg	tgtctgtgtt	180
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catgc						245

<210> 35526
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 <212> DNA
 <213> Homo sapiens

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accgtttgcc	acttcagaca
ggtccttaag	cctycytwag
aggttcattt	tccttgctgt
agccccgagt	aagaatgttt
agcctacaag	atttattttg
aggcatcaat	gaatcactat
gtgagcctca	cacagtgtct
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<210> 35527
 <211> 78
 <212> DNA
 <213> Homo sapiens

<400> 35527	
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gcaagaagca	gagactgcag
cagcagcagc	agcagcggcg
gtrgcagcag	cagcagca

<210> 35528
 <211> 247
 <212> DNA
 <213> Homo sapiens

<400> 35528	
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agacactagt	tcgtgttctt
cgtttctata	ttagtaaaga
tgtagagga	aattaatctg
tttggtgcmw	carggkttta
atgtgaccat	gtkgtataac
tattctgaaa	ggtaagaagt
ttttcactgg	agtacagtca
ctggctgaga	acatttaagt
tttcttttga	agcatacaca
gttaacaact	attgcaggaa
gaactctgaa	ttaaatttca
gggcca	

<210> 35529
 <211> 294
 <212> DNA
 <213> Homo sapiens

<400> 35529	
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atggactaga	taattcaaac
tgattagccc	attccagaag
aaaaacagct	gggaattaag
ttaatccact	ttgaaaattg
ttttacaata	atcagarcac
ccaaacctca	aggtcagga
tcccatagac	cagagcccac
ctttttgata	aacttagtaa
agtcttgag	actagaagca
agatagtttg	tgacacataa
gcttcccaaa	aactagaata
gatttttact	gaatagtgg
atatctgatg	gtatatgttt
cttaaaggtc	cgcc

<210> 35530
 <211> 265
 <212> DNA
 <213> Homo sapiens

<400> 35530
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 tcttgccctgc ctctctgacc tcatcttacc tcaactctccc ttttcctccc taagctgctt 180
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 cttgtacttg ctatataccc agccg 265

<210> 35531
 <211> 412
 <212> DNA
 <213> Homo sapiens

<400> 35531
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 tttttccttc cttgaagaaa aattcttggc tgtcccaagg attcttcatg tatattgcaa 120
 aatttaatat atttggtcac ttgagtcctta agagtaggtc aggccaaggc aggtggatca 180
 cctgaggtca gaagttcaag accagcctgg ccaacatggt gaaacccccct ctctactaaa 240
 aatacaaaaa ttagctgggc gtggtggtgc awgcctgaaa tcccagctac ttgggaggcw 300
 gaggcaggag aattgcttga acccgggagg cggaggttgc agtaagccga gaccatgctt 360
 attgccctcc agtctgggca acaaaaaatga aactccgtca aaaaaaaaaa aa 412

<210> 35532
 <211> 201
 <212> DNA
 <213> Homo sapiens

<400> 35532
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 aggttacagt cggctatgat tgcaccactg cattccagcc caggtgacag agagagacac 180
 tgcccctaaa aaaaaaaaaa a 201

<210> 35533
 <211> 264
 <212> DNA
 <213> Homo sapiens

<400> 35533
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 gctagaaaca agaattgaaa cctggaaaac ctgcatttga gaaccagatc tccctctgct 120
 agctatttga gaagttattt tgttccattc tttttgttgt tgtcgaaaca gggctctcact 180
 ctgtcgccca ggctggagtg cagtgggttca atcttggctc abtgcagcct caatctcctg 240
 ggctcaatca atccttccac atca 264

<210> 35534
 <211> 324
 <212> DNA
 <213> Homo sapiens

<400> 35534
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 atagagccct wmttttgaat caaaattaca tatggacttt ggaagattgc tccattttca 120
 acaaatagtt gctgcaagaa tttttaatat gactctataa aagctcttta gtacaattgt 180

atggtttctt gatgattctg ttttgcaata ggtagcctag ttgctttata tgctttacct 240
tctaggtctt aaaatcacac attggaaaat gacaatatca rcaaaactgt attcttatga 300
aaagaactat ttgttacaat gaga 324

<210> 35535
<211> 137
<212> DNA
<213> Homo sapiens

<400> 35535
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agccagcgag actacgaacc caccaggagg aacaaacaac tccagacgag cascttaaga 120
gctgtaacac tcaccgc 137

<210> 35536
<211> 238
<212> DNA
<213> Homo sapiens

<400> 35536
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ccagcggacc cctctttcga gactccctag tgggggtccc agctcccggg cgatcctgcc 120
cttgccgagc gcgttttctg gagtcacctg ggggagggga gtccctgggca gggccgggct 180
ggggaagacg cctggggcac tgcccggcgt taacaaaggg agccgatacc gaccgaca 238

<210> 35537
<211> 174
<212> DNA
<213> Homo sapiens

<400> 35537
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tcctatggca acaataacca agataacaag gcgtcgccat gaaaatccac cccatggagt 120
agcaagtgtg aaagaatggt tcaattatgt tacagctaca aggaatgaag agca 174

<210> 35538
<211> 395
<212> DNA
<213> Homo sapiens

<400> 35538
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acccagacg gtcagaatgc tcccagact gaggaatcag ctgcacatcc ccctgatgtc 180
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gtatttggtg grmacagtga tgggagcatg atgtc 395

<210> 35539
<211> 406
<212> DNA
<213> Homo sapiens

<400> 35539

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tacacgggaa	tgtgaacaca	cagtctggca	acagagtcct	tgctcttccc	tcctgctcca	180
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aattgtgtgc	ttctgagtca	acttctataa	cagtggaaac	acacatgctt	cattgtaaag	300
atcaagtgtg	gttgtctgcc	tgtgtcatgt	tggataata	tcttggccac	tgctggtttt	360
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<210> 35540

<211> 273

<212> DNA

<213> Homo sapiens

<400> 35540

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aaacacctta	aggtctgatg	ttatggcaac	aaactacttt	ttcaaacctt	aataggaacc	180
atgtaatttc	tcaaaagtga	ttgaacagtt	tgcccacact	tagtttggtg	gtcttatgta	240
aaacattggc	tcaaaataaa	gtacacactg	att			273

<210> 35541

<211> 347

<212> DNA

<213> Homo sapiens

<400> 35541

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acatagatgc	acacctatat	caacaagata	aaccagttta	tttccccctc	gggttttctt	180
tgaatagaaa	ttatgttcca	tttgaaatac	tctttctaat	caacagatgs	actgatttta	240
tagaggttta	actttgccat	atagtattca	gattcagtc	tgtaaatcat	atgttgata	300
tatattgctt	ggwtttgctt	tcctaagttc	ttttacattc	atttatt		347

<210> 35542

<211> 145

<212> DNA

<213> Homo sapiens

<400> 35542

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attgtttcct	gctttccttc	ccctc				145

<210> 35543

<211> 340

<212> DNA

<213> Homo sapiens

<400> 35543

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aaaaaatgat	aagcaataga	aaggtaggca	aaggctttga	aaaagcaatt	catgaaagag	180
gaaatacctc	aaacttacga	aaagataatc	agcatcatca	gtaatcaggt	cagtgcacaa	240

gaccaacaac aacgagaaac cgtttccac tgtctgactg gcagaagtta agtttggtcc 300
catcaggac gtggcaagca ctttggcagc wtctgtgaaa 340

<210> 35544
<211> 376
<212> DNA
<213> Homo sapiens

<400> 35544
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tgtgccacca tgcccagcta atttttgtat ttttttagta gagatgaggt ttcacatgt 360
tgccatact gggctt 376

<210> 35545
<211> 263
<212> DNA
<213> Homo sapiens

<400> 35545
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acttgtgtgt cccagatgcc tgtggccgag ggcaagagtg ttcagcaaac cgtagagctc 180
cttaccggga aattggagat gcttggggca gagaagcaag gaacattttg tgtggactgt 240
gagacttacc atacggccgc aaa 263

<210> 35546
<211> 389
<212> DNA
<213> Homo sapiens

<400> 35546
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<210> 35547
<211> 212
<212> DNA
<213> Homo sapiens

<400> 35547
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attttagatt ttctttaatt agcttgaggt ttatctttac ctggcggtgt ttttcttcaa 180
agtaaaaatt gtttactctt attaccagta ca 212

<210> 35548

<211> 335

<212> DNA

<213> Homo sapiens

<400> 35548

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tatggctagt	acttagaaga	tgcttacatc	aaaaaatagc	gttctttttc	aaagcgattt	180
ctaataatac	atattaatta	taacacaaaa	atatttttta	acgtttcttt	ttattttaga	240
ttcagggggt	acatgtgcag	gtttsttacg	agagtatact	gcatgatgct	gaggtttggg	300
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<210> 35549

<211> 333

<212> DNA

<213> Homo sapiens

<400> 35549

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kcaaacaaca	atctagaaat	aagggtactac	ctgttcaaac	agcctgctga	atatttgggg	180
agaaaataac	tcctttttcac	cgtggacact	gtcaacacac	gttacttcat	cttttaaaaa	240
tgtatctaaa	atgtgttgaa	ttgcttaata	aatactcaca	ctttcaatgt	aaacgctctt	300
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<210> 35550

<211> 371

<212> DNA

<213> Homo sapiens

<400> 35550

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aagaaggtea	aatgccctgc	ccaaggteat	gcaggtgata	gtccatcagg	ctcaggatta	180
gggtgtgttg	ctggcaaagc	cttttccttg	aagcatacca	tcttcatctg	tgtgagcgct	240
ctgtgtcaac	agacacttgc	agtattgcac	atgtgcaaga	gacaaggtea	gccgtgtgtg	300
ctgggcacga	tgagttcagg	attgtgcttt	ctgcatctac	cgttattacc	agacagttgg	360
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<210> 35551

<211> 232

<212> DNA

<213> Homo sapiens

<400> 35551

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ttattttatt	attcatttat	ttatttttga	ggcggagtct	cactctgtcg	cccaggctgg	120
agtgcagtgg	caggatcttg	gctcactgca	agctccgcct	cccaggttcw	tgccattctc	180
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<210> 35552

<211> 312

<212> DNA

<213> Homo sapiens

<400> 35552

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gccaacatgg	tgaacccccg	tctctactaa	maatacaaaa	aaattagccc	ggtgtggtgg	180
caagtgcctg	tagtnvcagc	tacttggggg	gctgaggcag	gagaactgct	tgaacccggg	240
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agactccatc	tc					312

<210> 35553

<211> 211

<212> DNA

<213> Homo sapiens

<400> 35553

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tagcaccttt	tgggctctaa	tgggttggtg	ttgggttgcc	tcagtttata	ttgtatgcca	180
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<210> 35554

<211> 88

<212> DNA

<213> Homo sapiens

<400> 35554

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<210> 35555

<211> 244

<212> DNA

<213> Homo sapiens

<400> 35555

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aggtaatacc	acctaaaany	aagatgaaag	aggtgcatg	gaaatctacc	tagagtgccg	180
aaagagcagc	caccgaaag	gctggagaag	tgggcccgat	aacaaactcc	cgaacgaggg	240
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<210> 35556

<211> 242

<212> DNA

<213> Homo sapiens

<400> 35556

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agctaaacta	gtatggatga	catgtagtaa	aagttataaa	aggaaattca	tcttcacctg	180
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ac						242

<210> 35557
 <211> 248
 <212> DNA
 <213> Homo sapiens

<400> 35557
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 caaaaagaac agtttttttg agaggcagat gacattatac ctgatttttag aaaatctcac 180
 tttatttttg ctaataagta gactaagtgc tctgtgttct cagtcttccc tttttttctg 240
 cccccaga 248

<210> 35558
 <211> 398
 <212> DNA
 <213> Homo sapiens

<400> 35558
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 gtgattttta tttgctattc cctgattgtt aatgaggctg agttctgttt cacagaaacc 180
 ttgcaagggt aaatttaact tatactaagg aatggtgagc atatggagca aacagaaact 240
 ttgtgacctg ctggtgggtg tgtaaatggg tataatcatt ttggatgata gcttggmggt 300
 atttactgaa attgatacat gccctgcaac ctagaatttt actcccagtt gtatacctaa 360
 aactgatgtg agcacagggt ctctaagcaa tatgtata 398

<210> 35559
 <211> 140
 <212> DNA
 <213> Homo sapiens

<400> 35559
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 gagagtaata ccttcctcaa gttaatatgt atttctaata aattatttct gttttaatta 120
 gttaaaaaaa ctggtgccat 140

<210> 35560
 <211> 126
 <212> DNA
 <213> Homo sapiens

<400> 35560
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 agagct 126

<210> 35561
 <211> 299
 <212> DNA
 <213> Homo sapiens

<400> 35561
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tggaacatca	ctaagtcttc	cacaggtttt	ttgtttgttt	gtyttttttt	gttggttttt	180
ttycttaaga	cggagtcttg	ctctgttgcc	caggctggac	tgcaagtgtg	tgatcactgc	240
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<210> 35562
 <211> 197
 <212> DNA
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<400> 35562						
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<210> 35563
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 <212> DNA
 <213> Homo sapiens

<400> 35563						
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aaaaaaggaa	ggaagggacg	cc				202

<210> 35564
 <211> 363
 <212> DNA
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<400> 35564						
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acctttactt	atttcggcat	atttcctctg	ggcttcttct	agtttctgcc	ttacaagcaa	180
tgctgttctg	taaatttatt	gaaacctctg	gaacatttca	cctttagaga	tggaggatgg	240
aaggattggg	accagaagag	ggctaagata	cgttttctgt	cttgagctga	aagcacagtc	300
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tca						363

<210> 35565
 <211> 123
 <212> DNA
 <213> Homo sapiens

<400> 35565						
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ccc						123

<210> 35566
 <211> 189
 <212> DNA
 <213> Homo sapiens

<400> 35566
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tttgagagta gtaaatactg gggttgggga cgtggttgta tggatgcttc cagtgggcag 180
gggagtcct 189

<210> 35567
<211> 184
<212> DNA
<213> Homo sapiens

<400> 35567
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acct 184

<210> 35568
<211> 176
<212> DNA
<213> Homo sapiens

<400> 35568
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agcatcttgg caatgaagga acttaatgag gcatgcagac tgtgtattgc ccattgacaa 120
tcaagtaaga aatgacattg gaacttatga ataaatgtta tatatattca gtccat 176

<210> 35569
<211> 120
<212> DNA
<213> Homo sapiens

<400> 35569
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<210> 35570
<211> 286
<212> DNA
<213> Homo sapiens

<400> 35570
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ggatacttga acacaaacac tgtggttaga taacagtata tctgattaac agactgctac 180
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<210> 35571
<211> 213
<212> DNA
<213> Homo sapiens

<400> 35571
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 taaaaggcat ttaagccttc ttacactgtt ttgtctgctt ttcattaagt ttgccatcaa 120
 tttacaatcc atgccattg cctccttcac aatctgaata cataaacatg cataataaat 180
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<210> 35572
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 35572
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 aacagccatg ctattgtgaa gcagagttat tatttttttt atactccagg tagtgttctr 180
 gatgagaaaag aggtaagaat gaggggaatg ggcacaattt tggaaatcaa tcccaaagag 240
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<210> 35573
 <211> 362
 <212> DNA
 <213> Homo sapiens

<400> 35573
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 cattctcctt tagaagagca tccaagaaat tatactcaaa acaaatcttc ttttggcagg 240
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 gggaaggagg aagaggaagt taggaatcar ntgctccctc atttttcaga ggaatgattg 360
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<210> 35574
 <211> 371
 <212> DNA
 <213> Homo sapiens

<400> 35574
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 gtggacagat tgacaagcaa atatctcatt tatttttttc cttttctatc taatcgaatt 180
 tgattttccc ctacttggtt tagtactttt gtacttacat attgagactt aagctattgt 240
 tgggagtagg tagcaaatga ttacatgtaa tttcttttgt ctgaaaatta agaggaaaag 300
 agcttggttc ttgtaggggg aggtgtattt gcaattattt ctatggcaga atttattaga 360
 attggccgtc c 371

<210> 35575
 <211> 401
 <212> DNA
 <213> Homo sapiens

<400> 35575
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tcaggatatgt	attttagcca	gccagctagc	tagcaaccca	ttgccaccac	ctactgtctc	180
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<210> 35576

<211> 284

<212> DNA

<213> Homo sapiens

<400> 35576

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tggtttcttt	ctcaggaaga	caggtgatga	tactaaattg	aggggagagc	catttgacaa	180
gcatatggga	ggcccatatt	agtcttcaca	atgtgcaaat	tcaaatgaat	aaaaatgtat	240
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<210> 35577

<211> 448

<212> DNA

<213> Homo sapiens

<400> 35577

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gtgaggggtga	catatcctga	ctgtgagagg	aatggactct	gggctgtagc	tgcaagcagg	420
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<210> 35578

<211> 209

<212> DNA

<213> Homo sapiens

<400> 35578

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aatgtaacat	gtctgttgta	actatgtttc	ttaaatatta	ttttaagggt	atgtgttctt	180
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<210> 35579

<211> 319

<212> DNA

<213> Homo sapiens

<400> 35579

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aagaatagga	gctctgcagt	ggatccagaa	ccacaagtaa	aattggagga	tgtcctccca	180
ctggccttta	ctcgcccttg	tgaacctaaa	gaagcttcct	acagtctcat	caggaaatat	240

gtgtctcagt attatcctaa gcttagagtg gacatcaggc ctcagctgtt gaagaacgct 300
ctgcagagag cagtagaga 319

<210> 35580
<211> 57
<212> DNA
<213> Homo sapiens

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<210> 35581
<211> 187
<212> DNA
<213> Homo sapiens

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ctacaaaaaa gtaaaattat ctgagtgtga tggcatacac ctgtagtccc agctattcgg 180
gagggca 187

<210> 35582
<211> 223
<212> DNA
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<210> 35584
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<212> DNA
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<400> 35584
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cggaacaagc tctgcaaagt tattgttgat attggacgtt g 161

<210> 35585
 <211> 261
 <212> DNA
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<400> 35585
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 ggtggacgta gacggtagac agttcgctg cgtttccttc gcctacttgg cctacatgcc 180
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 <211> 157
 <212> DNA
 <213> Homo sapiens

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 cctttaatta catgtcagaa tgccttaact accctat 157

<210> 35587
 <211> 195
 <212> DNA
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<400> 35587
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 ggtaggtaga gagga 195

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 <212> DNA
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<210> 35591
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 <212> DNA
 <213> Homo sapiens

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 aaaccagtac tgaatgtggc ctcca 205

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 <212> DNA
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 <213> Homo sapiens

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tgtttaatat	cttttgaatg	aatgagagag	gagcatagct	ttggagagct	acatgtagag	240
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cttcggtttc	cttatctgaa	aaatgagttt	ttaggattag	agactgttta	taaagtagct	360
ggcatgtgtt	aggcccggag	c				381

<210> 35595
 <211> 86
 <212> DNA
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<400> 35595	
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	86

<210> 35596
 <211> 276
 <212> DNA
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aacaaaagcc	acaaacagtt
	catcatttgg
	tgctta
	60
	120
	180
	240
	276

<210> 35597
 <211> 76
 <212> DNA
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<400> 35597	
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	76

<210> 35598
 <211> 382
 <212> DNA
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<400> 35598	
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atgtggaaa	agactagac
tactctgcga	atcagctttt
gggcacaaac	taccattca
gaattaacaa	aagagagaac
	cg
	60
	120
	180
	240
	300
	360
	382

<210> 35599
 <211> 174
 <212> DNA

<213> Homo sapiens

<400> 35599

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ctgggccgaa	gtattgcaaa	satttgaaaa	gctttcacga	tttgtgtaga	tgattatgaa	120
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<210> 35600

<211> 252

<212> DNA

<213> Homo sapiens

<400> 35600

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tccttacaaa	cttgTTTTTT	ctaccttga	aattgccact	tatacattag	TTTTTTgaac	120
attacaawtt	gatcaggata	tataagctat	gagacttatg	aaccacgttt	aaaatttgta	180
caaaagatta	taaattttac	agggtgatttc	acaattatgg	catgagttaa	aatttgatta	240
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<210> 35601

<211> 479

<212> DNA

<213> Homo sapiens

<400> 35601

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acacataamc	tttttgTTTT	aatactatag	ttttcagtg	acagttgcta	ttccaagaaa	180
attaagcttt	tgagtacttt	agcaattccc	agcgtattac	atacaccag	tgataagggt	240
ctttgcatgt	tttgtgttat	gtattactct	gactctttag	agattatata	aatcctccaa	300
aagtttagacg	aaacaagata	gtacattatg	agtcttaaty	ykatcattgt	ggaaaaatgt	360
gtactaactc	ctgattttgt	taattttata	acatagggtg	aatttttagag	tggggTTTTT	420
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<210> 35602

<211> 125

<212> DNA

<213> Homo sapiens

<400> 35602

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aaatatatat	gtaatgtttt	ctatttgttt	atttggaaaca	gataaaatga	tctcagagcc	120
cachg						125

<210> 35603

<211> 218

<212> DNA

<213> Homo sapiens

<400> 35603

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gccgctgccg	tcatggcggt	ycccggtttg	ggaagtctca	caaatctcca	gcagacattg	180
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<210> 35604

<211> 163

<212> DNA

<213> Homo sapiens

<400> 35604

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<210> 35605

<211> 448

<212> DNA

<213> Homo sapiens

<400> 35605

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gaatcctgta	tcctctgctt	agtcattgtca	tcttggacgt	ttttcaactt	cgctgacctt	180
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gtaaagcact	tggaaatagca	tctgacatgt	cagtggctcc	atacacatgt	atataatgtt	300
ggcagagtca	gttacagtcc	tctgactact	tttctatggt	gggaacttta	ttattccatg	360
tttaacagac	aaggaaaccg	aggcacagac	aggctaagtt	actggcctga	actttcaaag	420
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<210> 35606

<211> 171

<212> DNA

<213> Homo sapiens

<400> 35606

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ggagaatcat	ttgaaccag	gaggcagagg	ttgcagtga	ccaagactgt	gccactgcac	120
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<210> 35607

<211> 319

<212> DNA

<213> Homo sapiens

<400> 35607

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gaagatctgt	agccctcacc	ckgctctcct	tcctcctact	ggctgctcag	gtgctcctgg	180
tggaggggaa	aaaaaaagt	argaatgghy	ttcacagcaa	agtggctctca	gwmcaaaagg	240
acactctggg	caacacccag	attaagcaga	aaagcaggcc	cggracaaa	ggcaagtttg	300
tcmccaaagg	ccaagccaa					319

<210> 35608

<211> 139

<212> DNA

<213> Homo sapiens

<400> 35608
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 aaatagcatt twacaacma 139

<210> 35609
 <211> 169
 <212> DNA
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<400> 35609
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 agctcggagc agcagccaga gtttattaac cacttaacct ctcagaactg aacaaagaca 120
 acattgttcc tgggamsgcc ctctttttaa aaaagaaagc ataaccct 169

<210> 35610
 <211> 59
 <212> DNA
 <213> Homo sapiens

<400> 35610
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<210> 35611
 <211> 128
 <212> DNA
 <213> Homo sapiens

<400> 35611
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 cctbccc 128

<210> 35612
 <211> 169
 <212> DNA
 <213> Homo sapiens

<400> 35612
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 catctrcaaa acgtgmvwga wtggcccak dggcgtgtct ctacaaaaa 169

<210> 35613
 <211> 458
 <212> DNA
 <213> Homo sapiens

<400> 35613
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 gctgattgca tgctaaatgg ccattttgta agtttaatga agtaacatat catttgacac 180
 aggaacaaaa gaaaacaatc aaaaaaacact ctgggcacag gagagacttc actggcttcc 240
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agtctgtggt ctttgc tcaa aagggtcttc attttctctt aaaggctgac tactgtgtcc 360
ccagctctgg gtccgatgtc ccacttgctc gggcacagta aggtwdntgg gttttaatgg 420
tgcataaaat tcttctgggg tctttttgta tcttctga 458

<210> 35614
<211> 142
<212> DNA
<213> Homo sapiens

<400> 35614
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ggcgtgagcc accgcacctg gctgatcat aattctttaa aacgcagtag ttgccctctt 120
aataatgact tgtgcttgcc ca 142

<210> 35615
<211> 118
<212> DNA
<213> Homo sapiens

<400> 35615
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atatggacga cgccccgggc gaccgcgggc aacccacccg ccccgacccc gaccgccc 118

<210> 35616
<211> 229
<212> DNA
<213> Homo sapiens

<400> 35616
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ttgaactttgt ttagtctctg ttacatgttt gctttttgtt tcgtttatgt ttgtacattt 120
ctcatgtktt tctkkctatg tcttttggtk gtattctaac ttttagagtc tctttattgg 180
gatgtctct agcgataaat ataaatacat ttccctctaa caaccactt 229

<210> 35617
<211> 229
<212> DNA
<213> Homo sapiens

<400> 35617
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tcctctgtaa tcgtacttcg ttctgcttta aggcgtgttg gctgtctcct ccaacccatc 120
ckkatgttgt tgtakttttt cacctckgtc ctttggctta cgtcacntc ccaacctaata 180
acctgccctt ctagtcttct gtgtacttat ccaaactctaa accctccat 229

<210> 35618
<211> 133
<212> DNA
<213> Homo sapiens

<400> 35618
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gataattgtt tgtattgaat tatgacatca aaacaaagga acgggaagat aaataattta 120
ttcaaggcca ctt 133

<210> 35619
 <211> 429
 <212> DNA
 <213> Homo sapiens

<400> 35619
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 aacagtaact gcaaaggcag ggaaggatat agagarctca gtatgtctag ggaactgcaa 120
 gtaattgagt atggctggwr atrgtgtaat rwttrtgttt gggatatgggt arcaagtggc 180
 agaaaatgag actggaatga taagggaccc aattatactg aaccttgttt taactttttt 240
 gttcacttat aaatwwcaca aacatgtttt gaacgcctat gtatctgtca ctatgtgagw 300
 mactgagata ggcratgggt mmtgggtgtaa cagaacttac agtgcctga atggtacaga 360
 caggtaraca attgtadaat agagcagggg gtattataaa ccaaaggcmw acaattgctc 420
 tgagagctc 429

<210> 35620
 <211> 211
 <212> DNA
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<400> 35620
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 gtttgtttcc agatgggtgcc cttccttcaa cctgcacaca atctctcctt gttcaaaact 180
 attcaacctc ctgctgatcc ccccccccg c 211

<210> 35621
 <211> 176
 <212> DNA
 <213> Homo sapiens

<400> 35621
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 gaaggatgat tttgctccta gttttggagt ttgaatttct gccaggattg aattattttg 120
 aaatctcctg tccttttttaa mcttttttcaa aataggtctc taaggaaaac cagcag 176

<210> 35622
 <211> 66
 <212> DNA
 <213> Homo sapiens

<400> 35622
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 aaagca 66

<210> 35623
 <211> 93
 <212> DNA
 <213> Homo sapiens

<400> 35623
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 tgctcttggg agccgctggc ttgcttatgc aga 93

<210> 35624

<211> 245

<212> DNA

<213> Homo sapiens

<400> 35624

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cccagccggt	aaattaaaat	gtatttttatt	attatttttt	tttttgatac	agagtcttgc	120
tctgtcacca	ggctgtaga	cagggtgggt	ratctkggct	cactgcaacc	tccgactccc	180
tggttcaagt	gattctcctg	cctcgactcc	ttgggttaaag	tgattctcct	gcctcaacct	240
cccac						245

<210> 35625

<211> 204

<212> DNA

<213> Homo sapiens

<400> 35625

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tgggtacaaa	agccagctct	accttgggta	attctgcata	agacatttaa	tctgctgttc	120
ctcagtttcc	tctctcctgc	stgttgggca	acagggcata	tctggtagtg	gggctgtgag	180
tattaaatga	gataaatcgc	acag				204

<210> 35626

<211> 362

<212> DNA

<213> Homo sapiens

<400> 35626

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gtatactttc	tgtagccag	aaactgtatt	ttcatctcag	cctagtgcg	atgaatcaag	120
tagtgatgaa	amccagtwa	tcagcccagt	cctgccttta	gacgacgccg	tgctaggaag	180
aagaccgttt	ctgcttcaga	atctgaagac	cggctagtgt	ctgaacaaga	aactgaacct	240
tctaaggagt	tgagtaaagc	tcagttcagt	agtggctctc	ataagtgtgt	tatacttgct	300
ttgggtgattg	caatcagcat	gggatttggc	catttctatg	gcacaattca	gattcagaag	360
gc						362

<210> 35627

<211> 487

<212> DNA

<213> Homo sapiens

<400> 35627

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gacctggawc	ggagtawtty	ytatgaaag	gtcttcttag	ghcccttaca	tacgcaagag	180
gggtgctcta	gtgccatagc	tgtagntcac	aggwaggaca	ccaggagaag	ttatacctag	240
ggctactgag	cagctcatca	tcctgtttc	tgcacagttt	cctgaaactg	gccatcaggg	300
cctctgaggc	actcaaatca	gtttactttt	agcatgcccc	catcagggtg	ggtctcactg	360
ttagtgagga	tacgggtctg	gtttgatgtt	tttctaggca	aaatgcttaa	gtgttctggt	420
tatgccattc	attcatacga	tgtgtgaaat	ttgtctaaaa	gggaattttc	atgatttgat	480
ttagatm						487

<210> 35628
 <211> 320
 <212> DNA
 <213> Homo sapiens

<400> 35628
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 cttgttcccc catttcattt taagagggtta gtataacctc aatatcaaaa ccagacaaga 120
 ctacagtaaa argtaaaatt ataggtgccca cacatagata ggaagagatg aatagaccag 180
 taggtccaag caggccagat gtaagacacc aaaagcccaa catattaagg aataggatag 240
 gaaaatgtat gatagtaaga ttacgtaaa attatctgta ttacaaaggg tataataagt 300
 gaccagacaa gaggggaggg 320

<210> 35629
 <211> 445
 <212> DNA
 <213> Homo sapiens

<400> 35629
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 tgaggagagt ggacaaataa atgttggaat taggaaagtt acatgaagga aagtgggtct 120
 gagctgggkt tttgaaagta ggcagaattt agatcagtag agcaaagagg ataggatagt 180
 ctaaatgtgg agaatgctgt atgaatggag gcagaatatg tattgaacat gaggaaccat 240
 caagaggccg gctcagttag ggaagaaggg ggcttctgga ggcaccatag gtagacataa 300
 gacattaaca gattattgac caacaggcag gggaggttaa tatgctccaa tgataagagc 360
 atcmtatatt tataatggag actaacaggt tgatgttgct gagaaaataa tatggacttt 420
 gcattcaatg atgtatcttt tcaca 445

<210> 35630
 <211> 245
 <212> DNA
 <213> Homo sapiens

<400> 35630
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 gccacggaga tacagaaccg ggagccttca aggtcctccg ccactctcag caagccctgc 120
 tctcgatgga raaggarrat csgctgggtg atggatgtgg gcttccagta aggtgctcgc 180
 gctggtcccg agccctccgg ggaagatatt cgagcgcgga sstaagcgca gggcacgcca 240
 gcccc 245

<210> 35631
 <211> 405
 <212> DNA
 <213> Homo sapiens

<400> 35631
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 cctgagccca agagatggag accagcctgg gcaacatggt gaaacccctc tctactaaaa 120
 tataaaatwt targytgggt gtggcgacat gcgcctgtag tcccagctac tcttgaggct 180
 gaggcagaat tgcttgaacc tsggaggcgg aggttgacgt gagccgagat catgccattg 240
 ctctccagcc tgggcaacag agtgagactc catctcaaaa aaatttaaaa aaaagtttat 300
 catcaggctc ttcatttttt ggctgttgat ttttttcctt attttgagag taggcctcaa 360
 agagcaggaa ggctattctt gattaggcgt acttcagggc aacac 405

<210> 35632
 <211> 291
 <212> DNA
 <213> Homo sapiens

<400> 35632
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 agactaaaag gtcaaatacta ccttttaggt gcagcctgca ttccaaatgg aggcatttca 120
 gcytacycma ggttcttaat ttagtctaac cacttggcaa cctactttat ttagtttaaat 180
 ctcttggaac cctactctaa ccacttggaa acctacagcc tacatacaga atcatagttc 240
 agccatccat tctaccttc ctagtgtknt nagtttattt gcttggctca t 291

<210> 35633
 <211> 63
 <212> DNA
 <213> Homo sapiens

<400> 35633
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 agt 63

<210> 35634
 <211> 157
 <212> DNA
 <213> Homo sapiens

<400> 35634
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 accagcaggg aaatggagga gtgacggaaa gaaccagact cctctctgag gttatggaag 120
 aattagaaaa ggtaaaacaa gaaatggaag aaaaggg 157

<210> 35635
 <211> 409
 <212> DNA
 <213> Homo sapiens

<400> 35635
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 cgtacaggat gtgagtccag gaaaatgtga aaacttctgc cacagtcatt ctattctgta 120
 ggaaatgaat aggatgrtra gaaggvcaat aggatcattg ttcttgcccc tacatcacaa 180
 aacaatgaca agttcataag gcagaactca ctagatcaca caggaagttc tttcgataga 240
 caggcatgga tgattttctg gctaatagga cacctgtgtg cacacaagca tatatagagt 300
 taaagcactt ttgctcatgg gaagtataat ttgagaagat ggcatagggt gtgagccacc 360
 avtttctagr ttgctagggt gttamctccc aattagactt tatctgggt 409

<210> 35636
 <211> 305
 <212> DNA
 <213> Homo sapiens

<400> 35636
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 aagtgtaaac atacrwaat traaaaaacca cttctgacat tccattatgt gctathhaaa 180

004220.666T560

gatggactat tgaactatag aaaagacaga ctgtgcattt gttcgttgat cctcatctta 240
 ttcctgacat gtaaaaatca attttacgta gagtcaacat tgtaggtaga ttaaaatacc 300
 agtat 305

<210> 35637
 <211> 132
 <212> DNA
 <213> Homo sapiens

<400> 35637
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 cctgaaargc ac 132

<210> 35638
 <211> 333
 <212> DNA
 <213> Homo sapiens

<400> 35638
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 tccccaaatg gaagttgtaa ttttcagaat ccaatgtata tcttagaatc tggatccact 180
 ttgctattag agtctgagct aacttgagga tggagagaaa agggaagtga agaagaagaa 240
 gaggaagagg aagaagaaga agagagatca tcaacagttt catattcact agagcatcag 300
 ccaaactgta agagctgacc agaaccact gcc 333

<210> 35639
 <211> 244
 <212> DNA
 <213> Homo sapiens

<400> 35639
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 actgrtttat tctgttacta gratcaggtt ttagggctct gcaaaaggct agctcggcac 180
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 caca 244

<210> 35640
 <211> 504
 <212> DNA
 <213> Homo sapiens

<400> 35640
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 tagacttgta ctttcaactg tccatttctc cctgtctgtc ccatgggcac tcatgaaaaa 180
 acagaatgct cccaacttta ttcattcttc aagcctgtag ctcttggtat actcactggt 240
 gcaagtcaga agcttgattt cawgattgat gtttttctca cgtttcacat ctactcatc 300
 accaagtcac gttggtgtta atttctgatt aacccttgaa ttaccgtct tctcatcctc 360
 tgtacaaaag cctcaagtga gggtaaatt caacattatc ctgatctaga cagcccccat 420
 tctcaatcca cccttttcca aggattgcca aggacttcta acaataaact ctcttttgca 480
 ccacagacac aagggggatc acta 504

<210> 35641
 <211> 196
 <212> DNA
 <213> Homo sapiens

<400> 35641
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 ctgagttcta ctttactatt catttgtatt tctatctctt atctgcaggt atggcatttc 120
 aaatatagat acaaccattg aaggaacgtc agatgacctg actgtttag atgcagcttc 180
 actaagacga cagacc 196

<210> 35642
 <211> 274
 <212> DNA
 <213> Homo sapiens

<400> 35642
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 gttgttagga taccttccag acactttaaa tgggtgttgt ttttacaatt ttcattattt 120
 atagttgttt tgctgggaag agtgtccaca gagcttctca taccaccttt gggaagtgtc 180
 tctccttaac atgatgaatt agcctcctat ggctgcttta acaaattacc aaaaacttga 240
 tggcttaaaa caatacaggt ttattctccc acgc 274

<210> 35643
 <211> 189
 <212> DNA
 <213> Homo sapiens

<400> 35643
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 ttggtaaaat gtgtttgact aggagatgat tgcatacaaga atctctagga tttctgtata 120
 tttcaagtat ttcattagca aaagaatttt aaaaagaaaa aggatcgata tccagattaa 180
 gaggcctct 189

<210> 35644
 <211> 200
 <212> DNA
 <213> Homo sapiens

<400> 35644
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 tgccaagtgt agctggagaa tgattcgtga tcatgaatca cgagggtgaaa acaaggcagg 120
 acttctctaaa ggtttctgta ttacttttct gcaaataata tccactcaga cattgggttc 180
 atcattatat actgggccct 200

<210> 35645
 <211> 375
 <212> DNA
 <213> Homo sapiens

<400> 35645
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attgaagggc	ctccaaactt	gggtataaac	ttgcctttga	gcattaagcc	tgcaactcaa	180
aattcagcaa	atcagaacaa	agaggacacc	aaatccatga	atggaaagag	aaattggaaa	240
agaaatctcc	atctcctgtg	aaaaaatcaa	tggaaaccaa	gaaagtggcc	agtcctgggt	300
ggacgtgttg	ggagtgtgac	tgcctgttca	tgcagagaga	tgtgtacata	tcccacgtga	360
ggaaggagca	cgga					375

<210> 35646
 <211> 201
 <212> DNA
 <213> Homo sapiens

<400> 35646						
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ggacacctgg	atgtctacat	gcaaaagaat	gaagttctac	cccttcctca	caccatacac	120
aaatawttam	cycaaaatag	atcaaagacc	tagatataag	agcttaaacc	atacaactct	180
tagaaaagaa	cagaggggca	g				201

<210> 35647
 <211> 118
 <212> DNA
 <213> Homo sapiens

<400> 35647						
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<210> 35648
 <211> 410
 <212> DNA
 <213> Homo sapiens

<400> 35648						
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gacaggtgga	atacaatgac	tctatgtgag	gaacttgcca	actcacatct	ttcaaagcca	180
gatcagctta	tatagtacat	gcattatagt	catatgaaat	gttgtcttgg	tgctttcttc	240
ttggaggact	atggcagcag	ctttaagact	actaaciaag	attattacac	aggctcatctt	300
atccacaggc	aaactgcttt	gcacaactag	aacattaaca	gttcttttta	agttaagttc	360
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<210> 35649
 <211> 480
 <212> DNA
 <213> Homo sapiens

<400> 35649						
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gtacctttgt	atttgaggra	ataagacgcc	gcctaaagga	tattgggcct	gaggtggtga	180
agaaagtaaa	tgctgtatth	gagtggcata	taaccaaagg	cggaaatatt	ggggctaagt	240
ggactattga	cctgaaaagt	ggttctggaa	aagtgtacca	aggccctgca	aaagggtgctg	300
ctgatacaac	aatcatactt	ncagatgaag	atttcatgga	ggtggtcctg	ggcaagcttg	360
accctcagaa	ggcattcttt	agtggcaggc	tgaaggccag	agggaacatc	atgctgagcc	420
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<210> 35650
 <211> 87
 <212> DNA
 <213> Homo sapiens

<400> 35650
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 ctgtaatccc agcacttcgg aaggccc 87

<210> 35651
 <211> 136
 <212> DNA
 <213> Homo sapiens

<400> 35651
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 ctcaagaaag tggctgaggt ttggtttgct actgctttgg ctaacaaggt ttacctatt 120
 ttggatgaaa aagata 136

<210> 35652
 <211> 307
 <212> DNA
 <213> Homo sapiens

<400> 35652
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 ttttgtttga ttaaagattt tagtcctact ttgtatgga cacattagaa tattcagaga 120
 ccaaaattag aagraatttg ctgtagata ttttccagaa gtcagcagat ttgtggcaaa 180
 tcatttattt gcctttttta aaattcattt aagcagttca gagagtagac tactcagaaa 240
 attatttcac gtaattgtct aagaggtcaa tattttttta tgcattattga atcaaataaa 300
 gtgtctca 307

<210> 35653
 <211> 211
 <212> DNA
 <213> Homo sapiens

<400> 35653
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 ckaactgaat gtaagtgaat tcagaccatg ttgatcttt tgtgtctggc ttattcatta 180
 gcatatdatt ttcaagggtt atccatgctg c 211

<210> 35654
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 35654
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<210> 35655
 <211> 397

<212> DNA
 <213> Homo sapiens

<400> 35655
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 cgcgcccaac ctctggaggc atcttttctaa aacmmatctg atctaaaatt gctattgggt 120
 ccccaatgcc ctctgggataa aatgtgacsa tccagtcgca agtkactctg aaggmcactt 180
 tcctaacacc tctcttttcc cattttccta cctctgcagc taacacavtt cccttgacat 240
 ttcagcttgt ctgctgamgt ttttctccc aacagtcgca ganttctttg cctgkaaagc 300
 nvttctcggc gtbncataca tcccactctn sctccgmcas gaacaggttc agcctcccct 360
 gcaggctgag cgctgcact acgcgcaggc tgagccc 397

<210> 35656
 <211> 245
 <212> DNA
 <213> Homo sapiens

<400> 35656
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 gagtggcttt cacggatcta gtagtgtagg cattatgaaa taatatgata cttaatattca 120
 ttgccattac agcttgatgt acatcaaaca tcaatacata agcagttctc taaatgtatt 180
 aaagagttgt accaaagaaa aatcaataga cttatctttt aaagtctgaa gtgattgggg 240
 caccg 245

<210> 35657
 <211> 484
 <212> DNA
 <213> Homo sapiens

<400> 35657
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 acakttktkta actkaataat ctatctaaaa tatttkttca tgtaataca tattgttctg 180
 ctataatctt tttaaggact gcctgttatt ccactttatt aatgtatttt cacttaacct 240
 gactcctgtt gatggacact tagatcttca gtgttgcat actgtataca gtgctctaag 300
 gaccgtcctt ctttggaat gtctgtcagt atttagcata ttgattctcc gcatggaacc 360
 tggtcacagt gccctccagg tttgtactac tgtgatttga tgaactactt cagcagttct 420
 gatttgggtt gccacaataa taakgcagtg aaaatgtgag tttctggcaa tcagggggat 480
 ctac 484

<210> 35658
 <211> 468
 <212> DNA
 <213> Homo sapiens

<400> 35658
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 tttgcaggaa ttgtttcaat gtatcccat tactgcctta ctaatttagg atctttaaca 180
 acttaggaag accctcacag aatttttatt tgctgaataa gcagatagct gttagatcaa 240
 ggagaagatg gtttttaggca acaaagggtta actgttcttt ccctaggaga gtgcctaaaa 300
 gggcagagaa aaaaaagaaa agtagtatgt tgtaagcta catgttacc agttttctca 360
 tttttaaagg tatctttagt tgtagatat atctttactt gaattacagt cttcagttgc 420
 tggagggaga tgagtgagtw aactaaatt aagtgttagt atcattta 468

<210> 35659
 <211> 169
 <212> DNA
 <213> Homo sapiens

<400> 35659
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 tattctttta gcatatttat gagtaaaata ttaaaaccta tacaaaaaaa taatagaatg 120
 gcatttttagc tcatttcattg attttttataa aatattttaac acactccct 169

<210> 35660
 <211> 460
 <212> DNA
 <213> Homo sapiens

<400> 35660
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 acgacagagg caagaggatc gctttaaccc gggaggcgga gggtgcagtg agctgagatc 120
 gcaacattgc gctgcactcc agccggggca acagagcaag acccctcatc tcataaataa 180
 ataaacaaac aaacagacaa cctagacatg gcaaaaacta gtataaacia aattgggact 240
 ccagtgataa gctgggaaga aatagttgcc atgcagcatg ttcaaagggc taatttcctt 300
 taaaaagcaa gatcgcttgc tgatagaaaa gaccaacaac tcagtagaca agtgggcaca 360
 ttcagagaca gttcaaagga aagacaagtg gtccttaaat gtatgaaatg atcctcagtt 420
 gcagtcaatg taagagttaa gcaaattgaa actatactga 460

<210> 35661
 <211> 383
 <212> DNA
 <213> Homo sapiens

<400> 35661
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 ttcaaatcct gattcttcga ctttatagcc gatgagcact gggcatatgg caacgtctct 180
 tgagtctcag cttccttgtc tataaaactgt cgtagtgggt tttgcctctt gaggttttga 240
 gaaaaaaaag gagtttctta aactctcatg gtacataact agcatttgat aaaattaatg 300
 taatattttt ctttttaata cgtgtattag agaaaatttt aacatgcaat agtcttaatg 360
 tgattagatt atattgtgag ccc 383

<210> 35662
 <211> 133
 <212> DNA
 <213> Homo sapiens

<400> 35662
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 atcactgagc aaa 133

<210> 35663
 <211> 106
 <212> DNA
 <213> Homo sapiens

<400> 35663
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aaacgtatgt gtgtgtgttt aattagaata aaattcctct aggcac 106

<210> 35664
<211> 146
<212> DNA
<213> Homo sapiens

<400> 35664
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aggagctcga gcgggaggca agcgagaggc tcttttgctc ctcccaaagc agggggcggc 120
tccactgtgs ttytgatga cccggc 146

<210> 35665
<211> 417
<212> DNA
<213> Homo sapiens

<400> 35665
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tgctaccaw kycaccagtt cgcttgcat cctccaaccc caacctttgt gcagatattg 180
aatttcagac tccccctagc cacctcactg accctctgga aagttcaaca gattatacaa 240
agctgcaaga agaattttgt ctaatcgcac agaaagtgca ttctcttttg aagtctgcat 300
ttaatagcat agctatagag aaggagaagc tgaagcagat ggtttccgag caggatcaca 360
gtaaaggcca cagcacgcag atggcacggc tccgacagtc actgtctcag gcacccc 417

<210> 35666
<211> 71
<212> DNA
<213> Homo sapiens

<400> 35666
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cagccagccg c 71

<210> 35667
<211> 371
<212> DNA
<213> Homo sapiens

<400> 35667
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catctaaaaa aaaacttgga gactgttcag tagccattct gagtgtgtga cttcatggta 120
gctttgaawt wmsagtcacc dvatagagta tccatgagac tttaaagaaa aataatagca 180
ggggccgggc gcggtggctc acgcctgtga tcccagccct ttgggaggcc gaggcgggtg 240
gatcgctga ggtcgggagc tcaagaccat gctgaccaac atggagaacc ccgtctctgc 300
taaaaacaca aaattggccg ggcggtggtg cgcattgctg aatcctagct actcaggagg 360
atgaggcggg a 371

<210> 35668
<211> 278

<212> DNA
<213> Homo sapiens

<400> 35668
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tgctatggct tttaatctca gcccttccaa actataaatc aatataatct atagttgctt 120
ttttgtgtcc agtgtattag agggaaaaaa cccacataa ccttggcttg atgctactac 180
attttccagc ctactagat ctttaaatta tgatcagtag tctatcaatt tattcttttag 240
gccactttcc agcatcaatt ccagccttca ccaccctt 278

<210> 35669
<211> 252
<212> DNA
<213> Homo sapiens

<400> 35669
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aaattgtttt atactgtaag ctggaggcga gtgtaactta tttttgtaat aaagttttta 120
ttttttttta tgtgtcatta atataaatgt gtgttagtgt agaaatcttc tggtttaaaa 180
acttagaatt gcacacattt cagtatgttt atttgtactt acataatctt agaatagtgg 240
ttgccaatag cc 252

<210> 35670
<211> 190
<212> DNA
<213> Homo sapiens

<400> 35670
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gtcaggggtc aagatatatg ttgggtaaaag gaggaaaacg gaagtttgat gagcatgaag 120
atgggctgga aggcaaaatc gtgtctccct gtgacggtcc atccaagggtg tcttacacct 180
tacagcgcca 190

<210> 35671
<211> 298
<212> DNA
<213> Homo sapiens

<400> 35671
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tatttctttt tagataactc gacacaaatg aaaattttat tttatctatt tagcagaaaa 180
gtcacacaaa gttcataact atttaaaagt acaccatatt tantgagcat accttaaata 240
attttgatgg gacattttta gtctcattgc attatacagt tttgatatcc cctaccca 298

<210> 35672
<211> 260
<212> DNA
<213> Homo sapiens

<400> 35672
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yagggwkagg cactctcagc agtasgcgca accgtgctca ccccggtgct wwcagscttg 120
cttagttccg gggctccgag gcagcagcag ccataagava aaacaggaga ggaaggcgt 180

gtggcgcttc tgccggggcnc tcagactggg gagtgtgagg tcassacagg ctggcggtgc 240
gttttcgtct ctgtggctgc 260

<210> 35673
<211> 56
<212> DNA
<213> Homo sapiens

<400> 35673
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<210> 35674
<211> 178
<212> DNA
<213> Homo sapiens

<400> 35674
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tgcagacgta tgtttactgc agcactcttc acaatagcaa agacttggaa ccaactcc 178

<210> 35675
<211> 174
<212> DNA
<213> Homo sapiens

<400> 35675
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agtggttttt tttgggtgta tctgttccat ttttcttttt catacattga agtgtgtctc 120
cttttcaacc aaataatgaa atagtggaga ccatgaaatt gttgtgcctg gcc 174

<210> 35676
<211> 303
<212> DNA
<213> Homo sapiens

<400> 35676
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mttgggcccc cccactcca catagcctta attacaaatc agaggacagg cttagtgagc 180
aagactggcc agcatatttc aagggtccat gttgtggggt tgatacatct caaattgagt 240
cagaagaggc agaagtggat gtgagagaaa gagagacaca gagagacaga gagccaaagg 300
agg 303

<210> 35677
<211> 157
<212> DNA
<213> Homo sapiens

<400> 35677
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agtatctggc accaattctg acccagtcac ttgtgatccc tggctcttgt gatatgctga 120
agatttccag gcrkbwttgt ggaacacctc cccgtcc 157

<210> 35678
 <211> 192
 <212> DNA
 <213> Homo sapiens

<400> 35678
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 gcaatccatg tcatagggaa actttactaa tgtaatgatt gtcacaaagt cctcagtaat 120
 gctacaacca ttgcaaatta ttggagaatg cataatgaag tgagaactta caagtgttat 180
 aaatgtggca ct 192

<210> 35679
 <211> 445
 <212> DNA
 <213> Homo sapiens

<400> 35679
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 aacagaagag taaggaaacc ataacttata aatttgtaat gtgttctctc ttgttgkvng 180
 acattagcca gtgttttagtt ttagaccaac ttatacaaac agagtattga tttgtacaca 240
 ttctggagac ttgctatata atggtttgct atggcacaga ctgagcttag catggggaca 300
 ttttgaactt cattcaaagt tgagtagtta ctggaacctt tgacattgcc ttgtaatgag 360
 gtacttccaa aaaaagcccc taacaatggc ataatagtga ggtctctctg tgcatataca 420
 taatatatat gcaggmtaaa tgtgt 445

<210> 35680
 <211> 406
 <212> DNA
 <213> Homo sapiens

<400> 35680
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 agaatcattg cactgctca cataaaatgt gaagatccaa catcatacat ggaggtggct 120
 aaaahcatta aagacgkttt tbcakaatca cggaattcac gctactacca ttcagcctga 180
 atttgctagt gtaggctcta aatcaagtgt agttccgtgt gaacttgcct gcagaaccca 240
 gtgtgctttg aagcaatggt gtgggacact accacaagcc ctttctggaa aggatgcaga 300
 aaagacccca gcagtttagca tttcttgttt agaacttagt aacaatctag agaagaagcc 360
 aggaggrcta aagctgnaaa catccctgct gttgtgatag agatta 406

<210> 35681
 <211> 433
 <212> DNA
 <213> Homo sapiens

<400> 35681
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 cagggcgggg atttcccaa gratrrgaaa tcagcsaccg gaagtcaagc cggaccttgg 180
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 ctcttgctct ggggtaagcc antggccatg ctataaggac actcaagcca ccctatgaag 300
 aagcccacat gaagaggaac tgagatatct ggccaacagc cagcsastca ctgagcctgc 360
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 atggcagcct cat 433

<210> 35682
 <211> 247
 <212> DNA
 <213> Homo sapiens

<400> 35682
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 cctttcagga gcttgstgra gkcaaaagtk gtackgcatg accacgtggg ggaccacctt 180
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<210> 35683
 <211> 435
 <212> DNA
 <213> Homo sapiens

<400> 35683
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 gsvtatacca racacrcatc ramctcaagg gccttttgsa cktctrtgtd acmsatggaa 180
 ggctgtttgca caarctctct gcatgacctt ttccctcata tccttttaggt cgtggaatca 240
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 atctccatctt cttaacctgc atcatttttc tccatagcat ttatcatctc tgttttggtt 360
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 taaatgagtg gatgc 435

<210> 35684
 <211> 202
 <212> DNA
 <213> Homo sapiens

<400> 35684
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 ccccggtgta ggtacagata actgctgaac aactcttaag agaggctaaa gaaagagaac 180
 ttgagcttct tccacctcca at 202

<210> 35685
 <211> 119
 <212> DNA
 <213> Homo sapiens

<400> 35685
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<210> 35686
 <211> 50
 <212> DNA
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<400> 35686

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50

<210> 35687

<211> 146

<212> DNA

<213> Homo sapiens

<400> 35687

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ccgccgctcc	ggacgtttgc	cytccc				146

<210> 35688

<211> 448

<212> DNA

<213> Homo sapiens

<400> 35688

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caacaagata	atggmahctc	cagcttttaa	gttgatcatc	aaaggctggg	ctggatttgt	180
cttgctgtat	gtgtcaggaa	atttatacct	attacatttt	ccattttctc	aaaatttaag	240
tcacatgact	aataatttagc	tgcaactttc	ctcataacaa	atagtgtcat	gaagaatgtt	300
gtagtgtgah	ntttgtacat	ttcaggggtca	gatatacaat	atgdactctt	aatctacagg	360
aatgagaatg	gaggatcatt	gaaggccatg	atataaacia	atttgcatgt	tgaagcctgt	420
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<210> 35689

<211> 194

<212> DNA

<213> Homo sapiens

<400> 35689

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aacaataccc	gatagtgggt	aattttataaa	cagaaattta	ttgccttaca	gttctggaag	180
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<210> 35690

<211> 411

<212> DNA

<213> Homo sapiens

<400> 35690

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cgragcccgg	cgraggkcac	tatcmatatg	acaaaggctt	tgccgcagtt	catcttcctc	180
cctgtgtact	ttccatttgc	cttcctggaa	tctgtctgca	tcacagaagc	tggmagttct	240
gatgttccac	tgaaatcaca	atggaaagtc	ttgacttgac	tggtcacagt	aatgaaaggc	300
agtmatagac	atnaggmssa	ttcagcagaa	ggagaagggg	ttggaaaacg	acaaaaacga	360
aagtgtcttc	agtggtcatcc	attgctagca	aagmaacttc	ttgatttttc	a	411

<210> 35691

<211> 160

<212> DNA

<213> Homo sapiens

<400> 35691

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<210> 35692

<211> 93

<212> DNA

<213> Homo sapiens

<400> 35692

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<210> 35693

<211> 208

<212> DNA

<213> Homo sapiens

<400> 35693

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ggtgattaca	tgcrataata	cgaggagcrg	sttartagrg	caagctcaa	tacctcagga	180
cggacttacc	gtggcacctc	acagagca				208

<210> 35694

<211> 364

<212> DNA

<213> Homo sapiens

<400> 35694

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ctaattccaat	gtaactcgra	amccattaag	actttttgtg	gccatggata	caagagatgt	180
tctcagagtc	ccccaggatc	caaagttacc	ccacagatag	ccaaaagaaa	gacaagcgcc	240
ctcagagctg	gtgatggctg	gtaggatgtc	agctgtcgcc	gagtctgtgt	tgctataaag	300
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tata						364

<210> 35695

<211> 132

<212> DNA

<213> Homo sapiens

<400> 35695

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cctgttgcta	at					132

<210> 35696

<211> 341

<212> DNA
<213> Homo sapiens

<400> 35696

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tgaggagtty	ccgccctgaa	aggtacaagt	ctccagggaa	atggagctca	ccctgaccca	180
ggctgggtca	agcatattct	gcctctctta	atctacatga	caatcgtgtg	gttgtgcaat	240
catttgcttg	taagtctttt	tatcacaaaa	aagtgataat	tatcaaactt	tacaaaccac	300
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<210> 35697

<211> 322

<212> DNA

<213> Homo sapiens

<400> 35697

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taaattawta	wttcatatag	accactgtag	tagataaaac	tctatggtac	acctgcttat	180
gtgttgccctc	acactgtgtg	tgattttgtt	tcttttggtta	agcagcactt	atgtagactg	240
catttccaaa	tgtgttgagc	actcagagtg	tagtcaacag	taagttcttt	taatgaatat	300
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<210> 35698

<211> 233

<212> DNA

<213> Homo sapiens

<400> 35698

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cgaggaagga	mcagatggcc	tttgaggaat	gtggctgtgt	acttctccca	ggaggagtgg	180
gggctcctgg	acacagccca	gagggccctg	taccgccgcg	tgatgctaga	tga	233

<210> 35699

<211> 311

<212> DNA

<213> Homo sapiens

<400> 35699

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tgaaattgtg	tacctgttag	agtgactaaa	aaaaatgatg	ataccaagac	atggtgaaga	180
tgacaagggg	ctggatatct	tacacgcact	gttggttagga	atgtaaaatg	gtacagccac	240
gttggaatac	agttggcagt	gtcttataaa	gttaaacata	catttaatat	acgactcagt	300
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<210> 35700

<211> 229

<212> DNA

<213> Homo sapiens

<400> 35700

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ccagcacaac tactgttaaa tttcttttgc gcttttttcc ccttttaggac aaaaaaagga 180
tttaacagtt atgtgctttt aataacattg tattactttg ttggttaacc 229

<210> 35701
<211> 325
<212> DNA
<213> Homo sapiens

<400> 35701
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acatctttat catttaagaa acatttaaaa atggatttca tttttatttc aacatgtcaa 120
ctgtgcattt ccaaaacagc aggcctttca aaggaataaa tcagaactgt aaacacaaga 180
cacagtacaa gtttttgact tcctacagtc agtttcacaa atccacatac tgtacattca 240
taggtgaggt taagcctgtc acccatttct ttatttctat aattacacaa gcataataaa 300
tacatctgat tttaaagggtc acaaa 325

<210> 35702
<211> 175
<212> DNA
<213> Homo sapiens

<400> 35702
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cctggagcct gacgtataat tcgagcgccg atgcagaaaag gagtcagggtg ttttt 175

<210> 35703
<211> 203
<212> DNA
<213> Homo sapiens

<400> 35703
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gggtgggggat tctgtcctcc atgaataacg gcgccaggaa ccttgggcga tcttgagaaa 120
actccttcct gtaacctctg ttttccacgt tggatgtgtt ttaggccaca gtcaggcctg 180
gctttttttt tttttttttt ttt 203

<210> 35704
<211> 118
<212> DNA
<213> Homo sapiens

<400> 35704
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<210> 35705
<211> 419
<212> DNA
<213> Homo sapiens

<400> 35705

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cagcagacag	tgaagtggaa	atggaaaatg	gatcacaatt	ctaaataaga	tcctccagct	180
caactttgaa	gctgcaatgc	aagaaaagcg	aaatggcgac	tctcacgaag	atgatgaaca	240
aagcaaattg	gaaggttctg	gttccggttt	agatagctac	ctgccggaac	ttgccaaagag	300
tgcaagagaa	gcagaaatca	aactgaaaag	tgaaagcaga	gtcaaacttt	tttatttgga	360
cccagatgmc	cagaagcttg	acttctcatc	agctgagcag	aagtgaagtc	atttgaaga	419

<210> 35706
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 <212> DNA
 <213> Homo sapiens

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gagagggagg	gtcaggaagc
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tgacacctc	gctctgcctg
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	120
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<210> 35707
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 <212> DNA
 <213> Homo sapiens

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	60
	110

<210> 35708
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 <212> DNA
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aatgataagg	catggaagga
tatggtggag	agaaagatta
ctctggccgg	gctgtaaagg
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ggagactgaa	ttgtagtggt
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	120
	180
	202

<210> 35709
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 <212> DNA
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<400> 35709	
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gtggat	
gagtgagtgg	gttcatattc
ctactgcacc	acctccttgc
atctaatacag	tggacctggt
	60
	120
	126

<210> 35710
 <211> 284
 <212> DNA
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<400> 35710

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agaagtaact	gcagcggcag	cgcctcccga	ggaacaggcg	tcttccccga	acccttccca	120
aacctccccc	atccccctct	gcccttgtec	cctccccctc	tccccagccg	cctggagcga	180
ggggcagggg	tgagtctgtc	cctccggccg	gtccccagct	gcagtggctg	cccggtatcg	240
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<210> 35711

<211> 478

<212> DNA

<213> Homo sapiens

<400> 35711

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ctgaaggctg	tgagttgctt	tcaatgdgac	aacactatga	tgtcatttgg	aaggatttgc	180
caggacagac	tgattctgag	tcctgggtgc	cgtatgtgta	tgccggcagt	ttgtcaggca	240
atcttgtttg	aagctctatg	ttgccataat	taccatcaag	tacacactgt	tggcaaaaagg	300
ctaacacctg	actttagaaa	atgctgattt	gagaacaaaa	ggaaagggtct	tttttctactg	360
cttaaagtgg	ggtcactttg	atacctttgc	ggtcagtgtct	gtgtctgatg	agtgtagaat	420
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<210> 35712

<211> 141

<212> DNA

<213> Homo sapiens

<400> 35712

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attagctggg	catagtggca	tgcatctgta	gtcccagtta	tttgggaggc	tgagggtggga	120
ggattgattg	agcctggggg	t				141

<210> 35713

<211> 270

<212> DNA

<213> Homo sapiens

<400> 35713

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gccaccagaa	tcctttggta	tagccaagcc	ttttggttac	cgccctcatga	agaatatgct	180
tcccgcattg	tcctagtccc	agttgtattc	tcacagggtgt	tatgtgcagg	acacaatcca	240
aatcataaac	ctggctcatg	cccaactagc				270

<210> 35714

<211> 122

<212> DNA

<213> Homo sapiens

<400> 35714

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ta						122

<210> 35715

<211> 177
 <212> DNA
 <213> Homo sapiens

<400> 35715
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 aaataattta ctgcctttgt ttctctctct ggtaacatct tcccaccaca tgtatttccc 120
 gccttagaga ttaaaaggca atcacccaaa accaacagtg gctaccctct ccggaca 177

<210> 35716
 <211> 343
 <212> DNA
 <213> Homo sapiens

<400> 35716
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 atggacttcg gtgtataaca ttgcagcaag gctctagaaa tttcttaata gggctctggc 180
 agtttagggc ttcgagtgc a ttgaaattga attgtatgtg ttgtcaaaaa cttacagttt 240
 agtcaatttt ttgctaattc ctttgatgaa tcnntaatct ttttggggtt gtaattttct 300
 aatgtgtgaa ataagggtatt tttagacttc taaagcgccc ccc 343

<210> 35717
 <211> 157
 <212> DNA
 <213> Homo sapiens

<400> 35717
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 caggagaatt gtttgaaccc gggaggcgga ggttgcaagt agccgagatg gtgccattgc 120
 actccagcct gggcaacaag agcaaaactc catctca 157

<210> 35718
 <211> 194
 <212> DNA
 <213> Homo sapiens

<400> 35718
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 ttaatcttgc raaaatgama ctgtgtgtgt atattaaaca atcacgcccc attacttcct 180
 tccccctggca cccc 194

<210> 35719
 <211> 295
 <212> DNA
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<400> 35719
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 tttgcaaag tccctgccc tctctgggtc tcggttccct cgctgtcca cgtgaggttg 180
 gaggagctga acgcccagct satttttagc taagagggag caggggtccc gagtcgcccg 240
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<210> 35720
 <211> 64
 <212> DNA
 <213> Homo sapiens

<400> 35720
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 aagc 64

<210> 35721
 <211> 136
 <212> DNA
 <213> Homo sapiens

<400> 35721
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 attataggca gscata 136

<210> 35722
 <211> 105
 <212> DNA
 <213> Homo sapiens

<400> 35722
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 ctcatccgc acattccggc cagccccctc cccacaaccc cccca 105

<210> 35723
 <211> 318
 <212> DNA
 <213> Homo sapiens

<400> 35723
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 gaactaacac tctgtacctc ataaatatgt acaattaagt gtcaaaaata aaattaaaaa 120
 aaattttatt atattcttaa aaaaaagaat aagtagtctc tatgaatttg aagggggctc 180
 ctgtgaataa agtgactaga aaacttgaca tcaaattgtg atactcagaa gacttttttg 240
 ggctaattct ttgctgtttc ccaaattggtc aagattgaca gaaactgttc tctaaataaa 300
 ttatgcatac agtagctc 318

<210> 35724
 <211> 267
 <212> DNA
 <213> Homo sapiens

<400> 35724
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 cgttggcgta ggacctcca agccaggtgt gggatatagt ctctggtgac gccctttttt 120
 taagccggtc tgaaaagcgc aatattcggg tgggagtsac ccgattttcc agaattatag 180
 accaatccag caatgtggag atagcatctt ttccaatcta taagggtgta ttctgtgcac 240
 gtggacatga cggaacaaca gagcagc 267

<210> 35725
 <211> 446
 <212> DNA
 <213> Homo sapiens

<400> 35725
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 gcaagaaata gttactcagt ttcactgttc agctgctgaa ggagatattg ccaagttaac 180
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 ttacnttaaa attttgcttg tttccatatt tatattgttg aactactaaa taactcattg 420
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<210> 35726
 <211> 363
 <212> DNA
 <213> Homo sapiens

<400> 35726
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 aaatamccht tgaagaagag aaacgttctg ttacccaaat aggcattctt ctgatggtga 180
 gaaaaggcgg taaaaggcag taaatctgcc ttctcattat gaagtgcaac aatagattga 240
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<210> 35727
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 <212> DNA
 <213> Homo sapiens

<400> 35727
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<210> 35728
 <211> 225
 <212> DNA
 <213> Homo sapiens

<400> 35728
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 kaacatttgg gcagggacaa atatccaaac tttatcagtg tgttagagag aagtcaggcc 180
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<210> 35729
 <211> 214
 <212> DNA
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<400> 35729

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aagaaaattg	ttgttcattt	agggaggtgg	atattctgat	gaagatcttt	atcctaaacc	180
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<210> 35730

<211> 233

<212> DNA

<213> Homo sapiens

<400> 35730

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agagcttggt	gcttcagagt	agagtataca	gtcacttttt	atatttttct	gtctctctcc	180
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<210> 35731

<211> 91

<212> DNA

<213> Homo sapiens

<400> 35731

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<210> 35732

<211> 291

<212> DNA

<213> Homo sapiens

<400> 35732

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tcgttakttk	actgcagagc	atctagacaa	cttagtccct	ccagcgggaa	agtagcagca	180
gcagcattag	tcacagttct	tacactacag	atcttgtgaa	agagaccagt	ttggtactaa	240
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<210> 35733

<211> 270

<212> DNA

<213> Homo sapiens

<400> 35733

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ggccatcaca	actggattgt	agctgcata	gcccattttg	ctgtgtgtta	cagaatcaaa	180
gaakcttcag	gatggcagca	agtgtttacg	agcccatatt	tggattggac	tatcgaacga	240
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<210> 35734

<211> 385

<212> DNA

<213> Homo sapiens

<400> 35734

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tacattgg	ta	cagccatt	gt	gaaaaaca	atggagg	ttc	tgcaaaaaa	a	acaaaaa	act	180	
accatgtg	at	ccaacagt	ct	cactcctg	gg	tatatgc	ata	tatgaccaa	a	ggcagtga	tc	240
agtatttt	caa	agagatat	ct	gccactcg	ca	tatgttc	att	acagcatt	at	tcacaat	agt	300
caacatat	gg	aaacaaact	t	agcatcc	att	aatggat	gaa	taaagaa	agt	gtgatgt	ata	360
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<210> 35735

<211> 169

<212> DNA

<213> Homo sapiens

<400> 35735

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<210> 35736

<211> 220

<212> DNA

<213> Homo sapiens

<400> 35736

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ttgctcat	ca	ctctctct	gt	cttcccgt	gc	tggatgc	ttc	cttcctct	cc	tcctgcc	cctt	120
ggacatca	ga	cttctgg	tc	tttggc	cctt	ggactct	ggg	acttgca	cca	gcggc	ctc	180
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<210> 35737

<211> 231

<212> DNA

<213> Homo sapiens

<400> 35737

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taatgtct	ta	ttgata	atgg	cagaac	atcc	accact	actg	gataca	actc	agatct	taag	180
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<210> 35738

<211> 120

<212> DNA

<213> Homo sapiens

<400> 35738

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<210> 35739

<211> 109

<212> DNA

<213> Homo sapiens

<400> 35739

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<210> 35740

<211> 368

<212> DNA

<213> Homo sapiens

<400> 35740

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tctcatgtag	ttcagacctt	gtctcttctg	ccccatctgg	ctacttatct	ccagtttctc	180
ctgccagtct	tccggtggca	tagcccaaaa	ccctttcatt	tcatagtttg	tactgcct	240
ttttaagagg	actgggggtgc	tcagaactta	ttggctgacc	ctagctcttc	ctttggcctg	300
gtcactatat	ttgaaaagtg	ctacctgaaa	tcataagagc	ttttttgttt	tgtttttaac	360
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<210> 35741

<211> 420

<212> DNA

<213> Homo sapiens

<400> 35741

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gttgatgcac	ggcatggcac	aggatgctgg	gcaaggctgg	caggcccggg	agagcctgtg	180
gccagcctgg	gtccaggaag	tgggcagctg	ccacagaggg	gcctccgagg	ctagctgcct	240
cctaacttcc	tcacggcaca	ccattctgcc	gtcctgagtc	ttctcaaggt	tggaaggtgc	300
ccagatccag	ggagatgggtg	ctggctcttt	ggtggctgtg	gagtgtccag	acagatgagc	360
tggaatcctt	cagtttctct	gcctctcctg	tcaagttggg	gtagcactgc	ttggactctt	420

<210> 35742

<211> 224

<212> DNA

<213> Homo sapiens

<400> 35742

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ttgaaatgac	aacctttggt	taagtgtgtc	aagggtgcaa	cagaattttc	acaatttttt	180
tgttgtttgc	aaattgttac	taatattgaa	gaggtaaggg	aggc		224

<210> 35743

<211> 471

<212> DNA

<213> Homo sapiens

<400> 35743

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agagaatttt	tataaaccca	gaggccctct	tagtctcctt	taagtcatta	tcatcgatgc	120
cctgatgcct	gcgtagtgag	tcttctgatt	tctagaactg	tagactaatt	ttgcctgatt	180

tggattttgt	gtaaattggaa	tcatacactg	tgtattcttg	catatctggt	ttctttgact	240
cagtgtttgt	tgtgagactt	tgtgtttgtg	tgtacagttg	taactggagt	ttccattgct	300
tagtagtatt	atgtgatata	tcataatgta	tttaagttaa	aagactgagt	tttaggggat	360
gtgtctgtat	tcatttgcta	gggctgccgt	aacaagtatc	acagatagag	tggcttaaac	420
agaaatttat	tttctcaatt	ctgaagggtta	gaaatctgag	gtcaagctgt	c	471

<210> 35744
 <211> 260
 <212> DNA
 <213> Homo sapiens

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cttaagacta	ccaagaaaac	aaaaatttta	aaaatcttct	tcagccgggc	aggcgcagtg	120
gctcacggct	gtaatcccag	cacttgggga	ggctgaggcg	ggtaggatcac	gaggtcagga	180
gttcaacacc	agcctggcca	acatggtgaa	acgtcgtctc	tactaaaaat	acaaaaatta	240
gctgggcatt	gtggcgcgct					260

<210> 35745
 <211> 132
 <212> DNA
 <213> Homo sapiens

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ttgcacaccc	ca					132

<210> 35746
 <211> 278
 <212> DNA
 <213> Homo sapiens

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acaggcaaga	gcagcttcat	tctaagcctt	tccagtgaac	tcagccttgc	ttctcttcta	120
caacactaag	gctcctctgt	cagaggaggt	cgtcttgttt	ttgcttcatt	gcattgacata	180
acccttcccc	tcaagctggt	cctatatata	catgcacaca	caaaataagc	cagacagatn	240
gcaatttgat	cttccttttt	tagaaaaaaa	aaaaaaaa			278

<210> 35747
 <211> 217
 <212> DNA
 <213> Homo sapiens

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tacacagatg	aagtccactt	tcgaaaagaa	gatgcaaagg	cagcatgaac	ttagttagag	120
ctgtagtgca	agtgcccttc	aggcvagatt	gaaagtagct	gcacatgaag	ctgaggaaga	180
atctgataat	attgcagaag	acttcttggg	gggttgc			217

<210> 35748
 <211> 212
 <212> DNA

<213> Homo sapiens

<400> 35748

caccaaaaaa	tgttattatt	attattatta	ttatttttaa	cggagtctta	cttcgtcacc	60
cagactggag	tgtaatggcg	tcactctcggc	tcactgcaac	ctccacctct	tgggctcaag	120
cagttctcct	gcctcagcct	cctgagtagc	tgggattaca	ggcgcccacc	accatgcctg	180
gctaattttt	gtatttttaa	tagagacgga	gt			212

<210> 35749

<211> 466

<212> DNA

<213> Homo sapiens

<400> 35749

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tgacctcagg	tgatctgccc	gccttggcct	cccaaagtgc	tgggattaca	ggtgtgagcc	120
gctgcgctcg	gccttctttg	attttatatt	attaggagca	aaagtaaag	aagcccagga	180
aaacaccttt	gggaacaaac	tcttcctttg	atggaaaatg	cagaggccct	tcctctctgt	240
gccgtgcttg	ctcctcttac	ctgcccgggt	ggtttggggg	tgttggtgtt	tcctccctgg	300
agaagatggg	ggaggctgtc	ccactcccag	ctctggcaga	atcaagctgt	tgcagcagtg	360
ccttcttcat	ccttctttac	gatcaatcac	agtctccaga	agatcagctc	aattgctgtg	420
cagggttaaaa	ctacagaacc	acatcccaaa	ggtacctggt	aagaat		466

<210> 35750

<211> 154

<212> DNA

<213> Homo sapiens

<400> 35750

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gctggcgggc	gcggcgggcg	cgaaagaaga	agaaagtcag	ggcccgtacc	taccgccaca	120
gactcagaaa	cgcccctgcc	cccatctccc	caaa			154

<210> 35751

<211> 123

<212> DNA

<213> Homo sapiens

<400> 35751

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tat						123

<210> 35752

<211> 460

<212> DNA

<213> Homo sapiens

<400> 35752

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cagaagccac	ccacttgctg	ttttgaatga	ctctactagt	atgagaagga	tgtgaagggtg	180
gttggctggt	tgggctttta	cttcctggga	ttcataat	tttaagcttg	aagatagctg	240
ctgttcccat	gatgggcaca	tttcctgaga	agcttgaatg	actgatgagc	atagagcacc	300

cctgccttcc	tcaggaaacc	tgaccggnag	gggctctctg	gcttcttgaa	agcttcacct	360
cttccctcgt	ttatatctca	actgtaagg	cattttcaag	cttctgttca	tggaatgagc	420
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<210> 35753
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 <212> DNA
 <213> Homo sapiens

<400> 35753	
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cttcaactca	120
ggktcyrag	180
ttaaactaga	240
ggtaatccct	300
cagtgttacc	360
cattcaggtg	402

<210> 35754
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 <212> DNA
 <213> Homo sapiens

<400> 35754	
tacgccactt	60
agcaggtgct	106

<210> 35755
 <211> 369
 <212> DNA
 <213> Homo sapiens

<400> 35755	
catcatgggtg	60
aatttacttt	120
taccrgktgr	180
ctcaatgagt	240
tgtgtttgat	300
ttctctcttc	360
actcacggc	369

<210> 35756
 <211> 294
 <212> DNA
 <213> Homo sapiens

<400> 35756	
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tgctccccatc	120
ttgtgcccag	180
ccagtggcaa	240
catctaccca	294

<210> 35757

<211> 313
 <212> DNA
 <213> Homo sapiens

<400> 35757
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 ggrgttakck ccggtccttc cctgmaggca aaaccccagt cccagctgga gaggaaragg 180
 gkrasctggg rgawtaccgg caaaaskycc ccawgttctt ggrgatttcc agctactatg 240
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 tgttggggcg cat 313

<210> 35758
 <211> 96
 <212> DNA
 <213> Homo sapiens

<400> 35758
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 ctccgtccca cctccagccg aatagaagggt ctgctc 96

<210> 35759
 <211> 261
 <212> DNA
 <213> Homo sapiens

<400> 35759
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 ctgctgtaca aaccaggggcg agaagaagaa cgccctggcc caatatcagg agatggagaa 180
 gaaagtcagc ctactcaagg acaatagctc tctggaattt gactctgaga tgggtggagat 240
 ggctcagaag ttggggagctg c 261

<210> 35760
 <211> 222
 <212> DNA
 <213> Homo sapiens

<400> 35760
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 tcttcatggg ttgctccctg gtatcattca ggtctctgct cagatgtccc tgacaccaag 180
 aggccactgt cagccttgta caggaacaca cacccecaac ac 222

<210> 35761
 <211> 337
 <212> DNA
 <213> Homo sapiens

<400> 35761
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 cttctgtgtg tgggtctgcta agccatttgc ccttccgcca ctttcagtct ttgtggattg 180
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ggtttccatg atttaagtgt gatttctcag agatgaacag gcagagagat ccttgyatgt 300
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<210> 35762
<211> 181
<212> DNA
<213> Homo sapiens

<400> 35762
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ggataatggg ggggtggggcc cgttgggggg taaaggggca atagcgtcct ttcacaggct 180
c 181

<210> 35763
<211> 258
<212> DNA
<213> Homo sapiens

<400> 35763
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ctgggaggcg gasttgagcagt gagtggagat cgcgccactg cactccagcc tgggcgacag 180
tgagactccg actcaaaaaa aagactatca tgattctgcc tgccatggat cagctatccc 240
ttttgaaatg aagacaac 258

<210> 35764
<211> 200
<212> DNA
<213> Homo sapiens

<400> 35764
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gaaaactatt tagtatacta attatattaa accagcagaa atataaaggc aataaagtat 180
atacatatat ataggggggc 200

<210> 35765
<211> 159
<212> DNA
<213> Homo sapiens

<400> 35765
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atgggcaggg ccgaaggctc gcgtgtaaaa gtaccagtc actggtaacc tgacacttcc 120
cttttaaaag ccaccttttg tctatctctg gcccgccac 159

<210> 35766
<211> 228
<212> DNA
<213> Homo sapiens

<400> 35766
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tagatacttt	gtaattgcta	ctttctctaa	tggattgtat	gtatatatga	tttgaggtat	180
accctgaaag	aagcataaga	ctcagttgac	tgaaaaaagg	gggcgccg		228

<210> 35767
 <211> 289
 <212> DNA
 <213> Homo sapiens

<400> 35767						
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gcgtgtgcgt	rcacatgtgt	gcctgcgtgt	tggatatagga	ctttaaagct	ccttttgga	120
tagggaastc	wcgraggatt	gcttgacatc	argagacttg	ggggggattg	tagcasacgt	180
ctgggctttt	ccccaccag	agaatagccc	ccttcgatac	acatcagctg	gattttcaaa	240
agcttcaaag	tcttggtctg	tgagtcactc	ttcagtttgg	gagctgggt		289

<210> 35768
 <211> 230
 <212> DNA
 <213> Homo sapiens

<400> 35768						
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gaggtaggga	gcaacaagat	ggaaggaacc	tgggtccctg	gatatactta	tagaacacag	120
ctgtctccat	gcccttgaca	gaaataaaat	atcttgtttg	agttattaaa	tttgggggtca	180
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<210> 35769
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 <212> DNA
 <213> Homo sapiens

<400> 35769						
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ggaaac						126

<210> 35770
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 <212> DNA
 <213> Homo sapiens

<400> 35770						
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cagsctgggg	tamcagaggg	agactcctcc	gtctcaaaaa	aataaataaa	taaacttgtg	180
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 <212> DNA
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tatagataag	taggragtta
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 <212> DNA
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<210> 35775
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 <212> DNA
 <213> Homo sapiens

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gatgtgtagc	aggcatcc

<210> 35776
 <211> 57
 <212> DNA
 <213> Homo sapiens

<400> 35776

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<210> 35777
 <211> 168
 <212> DNA
 <213> Homo sapiens

<400> 35777
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<210> 35778
 <211> 189
 <212> DNA
 <213> Homo sapiens

<400> 35778
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<210> 35779
 <211> 291
 <212> DNA
 <213> Homo sapiens

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 taacttaaat taagaatcca cttatgaatg ctgcattcag gagcacttgt gaaaataaac 180
 gatggcatgc ccaccattta gtttgccaag ctttccttga aaacgcaggt gcaaactgaa 240
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<210> 35780
 <211> 119
 <212> DNA
 <213> Homo sapiens

<400> 35780
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<210> 35781
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 <212> DNA
 <213> Homo sapiens

<400> 35781
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 cacgtgtgta wgtgtawgtg tgtgtgtatg tgggtatatt tgtgtatata catgtttgta 180
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<210> 35782
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 <212> DNA
 <213> Homo sapiens

<400> 35782
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 aatatataca caacaaaact ctccgtttat ggaacatgcg catttggtct cagtaagttt 120
 ttcgttttga aagtgagsat ggcgatggtg agtaggttg tccgaagttt gaaccggaca 180
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 gcatgtcaat tgtaacagtg caacttggtc agtgtggctt 280

<210> 35783
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 <212> DNA
 <213> Homo sapiens

<400> 35783
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 cagcycttwa gtggaaatga ccttacccaa tscattwatc ctcttcatac ttycaatata 180
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<210> 35784
 <211> 60
 <212> DNA
 <213> Homo sapiens

<400> 35784
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<210> 35785
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 <212> DNA
 <213> Homo sapiens

<400> 35785
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 gtagacctca ttgtgagcag gcccggtgtc caaattgcat gggagccct tgtccactaa 240
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<210> 35786
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 <212> DNA
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<400> 35786
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<210> 35787
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<212> DNA
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<400> 35787
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<210> 35788
<211> 215
<212> DNA
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atgaaaacaa cgtcagggaa ttttgcaatg ttattgattg taatcaagaa aatagttgtg 180
caagaactga tgcgattttt accccttacc ccggc 215

<210> 35789
<211> 59
<212> DNA
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<400> 35789
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<210> 35790
<211> 199
<212> DNA
<213> Homo sapiens

<400> 35790
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gccacaagg gtcttcmtgt ggccctcaa caaaaaatca ctgcattaca tcagcagact 180
gcattggaga gaaaggcgc 199

<210> 35791
<211> 309
<212> DNA
<213> Homo sapiens

<400> 35791
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<210> 35792
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<400> 35792
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<210> 35793
 <211> 259
 <212> DNA
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<400> 35793
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 accaggagtt taagactgca gtgagccatt attgtgccac tacatgccag cctgggcaac 180
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<210> 35794
 <211> 266
 <212> DNA
 <213> Homo sapiens

<400> 35794
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 gttttattat gtgtgtgtgc ttttcctaga tgtcccagtt agctgtgctg agatatacct 180
 gtactattta tggtttaagt tttgattctt aggtattttc tccagctctg acattgtttt 240
 ccaaagacac actaaactgc attgca 266

<210> 35795
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 <212> DNA
 <213> Homo sapiens

<400> 35795
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<210> 35796
 <211> 131
 <212> DNA
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<210> 35797
 <211> 273
 <212> DNA
 <213> Homo sapiens

<400> 35797
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<210> 35798
 <211> 58
 <212> DNA
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<400> 35798
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<210> 35799
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<400> 35799
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<210> 35800
 <211> 206
 <212> DNA
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 ggntccgacc tcaccgtcca gcgtca 206

<210> 35801
 <211> 264
 <212> DNA
 <213> Homo sapiens

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 atacttattt aacttgtctt ctgattcat gttgcttata ttttaactat tgagcnagtt 180

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<210> 35802
 <211> 443
 <212> DNA
 <213> Homo sapiens

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<210> 35804
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<400> 35805
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<211> 421
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 <212> DNA
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<210> 35808
 <211> 265
 <212> DNA
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 <212> DNA
 <213> Homo sapiens

<400> 35809
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 <211> 148
 <212> DNA
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<210> 35811
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 <212> DNA
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<210> 35812
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 <212> DNA
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<210> 35814
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<210> 35815
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<210> 35816
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<210> 35818
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 <213> Homo sapiens

<400> 35819						
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agaaactaat	tttagatttt	cagcttgatg	gatttttcagt	ttttcctgaa	gaattttcct	180
taccattagt	cttcaaattg	gatactgttg	tgagtggtg	tactgttata	cttcagagaa	240
agggttaagag	tacatctagt	tcagttccta	tgaggtagct	gtaaccctta	aaaatgaaac	300
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gggtc

365

<210> 35820

<211> 187

<212> DNA

<213> Homo sapiens

<400> 35820

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tcytttttct	tgtggcagcg	tgttgctaaa	gcgcttacag	agacactggt	acatcaaaca	180
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<210> 35821

<211> 156

<212> DNA

<213> Homo sapiens

<400> 35821

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tgacttctctg	ttgggtctaca	atcggatgac	agaactctgc	ttccagcgct	gtgtgcccag	120
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<210> 35822

<211> 228

<212> DNA

<213> Homo sapiens

<400> 35822

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aagctgtaat	aagactgata	cctgatgaca	cattagaaaa	agttgaatca	gaagacaaag	120
gcatgatata	tttaattgtt	tgaggaaaaa	taatcactaa	ctctgtatta	tagccagata	180
aaagtatact	tcaaaagtga	gagtgaagta	aagacatttc	cagacggc		228

<210> 35823

<211> 470

<212> DNA

<213> Homo sapiens

<400> 35823

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aagattctta	atacctattt	tctgtgtcta	atacttggtt	aatactaaaa	atagaaatga	180
ctaaattaca	tcacagaaag	cataaccagt	gattgaacct	ggtagtttta	aagctctaaa	240
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ttcatcagtg	gattctccta	aattaagcca	aattttgaaa	tacatgacta	ttaagtttct	360
actcatgtat	ttacagtcag	tcaataaatt	aaaggaggaa	aaaaatccct	gaacaacctg	420
cccataaaaa	graaaatact	ctacatttga	gcctgctgca	gttttaaat		470

<210> 35824

<211> 102

<212> DNA

<213> Homo sapiens

<400> 35824
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 scatgcatgv gnnctgaaa tacgacttct tccagacat gt 102

<210> 35825
 <211> 110
 <212> DNA
 <213> Homo sapiens

<400> 35825
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<210> 35826
 <211> 396
 <212> DNA
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<400> 35826
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 cttctggaag raaatgttcc ctcccttacc cccatcctta actttgtatc ctggcttata 180
 acaggccatc catttttgta gcacactttt caaaaacaat tatataccct ggtcccatct 240
 ttctagggcc tggatctgct tatagagcag gaagaataaa gccaccaact ttacctagc 300
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 tcttggcaga gtaatgtaaa atttaaattg ggaaag 396

<210> 35827
 <211> 121
 <212> DNA
 <213> Homo sapiens

<400> 35827
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 ttgagtgtaa tttttatatg cttaaaaaag aaaaaatcat ataagaaaga tgggataacc 120
 a 121

<210> 35828
 <211> 349
 <212> DNA
 <213> Homo sapiens

<400> 35828
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 gttacagcag caaaaggaac ctaatacacg aagggaata atagtgcctt cctcttgagg 180
 tggctgtgag ctttacatga attatgacat ggcagcactt agaacagtag atggctctgc 240
 caggatagg ggctcatgcc tgtaatctca gcactttggg aggctgaggc tgggtggacca 300
 caaggtcagg agttcaaac catcctggca aacacgatga aaccccgtc 349

<210> 35829
 <211> 205
 <212> DNA
 <213> Homo sapiens

<400> 35829

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atkggctyca	cctgggtgaag	agctggctga	aaaagacgac	atcaagtacc	gtacctctat	180
tgaagaaaaa	atgactgctg	cccc				205

<210> 35830

<211> 197

<212> DNA

<213> Homo sapiens

<400> 35830

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aaatgtagtg	ccaacagaag	gtgattttcc	agttgtaaat	gtcatgcagc	atttgaaggg	120
rcgtgtgkttt	ccttaaaaaa	aaatcacagt	tacttctaaa	ccagatttca	tttcttttat	180
tgttttatnt	agccaaa					197

<210> 35831

<211> 215

<212> DNA

<213> Homo sapiens

<400> 35831

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cctgtactct	accctagaac	taatacatct	gaatctctgg	gaatggagta	taacaatcag	120
atttgaaaag	gtttcttttag	taattttaag	gactgrccag	tttagacact	gctttgttag	180
agtaaaatga	ttaggtacct	agtatcaacc	tagcc			215

<210> 35832

<211> 70

<212> DNA

<213> Homo sapiens

<400> 35832

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gcggtggggh						70

<210> 35833

<211> 375

<212> DNA

<213> Homo sapiens

<400> 35833

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actttaattg	tccccccaca	tggatggcca	gtwgtctsa	stcttcctg	ttgatccgtg	120
kgtvacctct	gtcatarcac	tcatacatga	agtgtttgta	tatktctgg	tcttgacttt	180
ctcttctttt	actattgggt	gattttkatg	cctcaagact	acactgtctt	atatactcgt	240
aacttccccg	taggtcttga	tatgtgkktg	agcatttcat	gttcctcacg	ttgtaatcct	300
aacttagctg	attymratat	tacatctatg	tagatagatg	gtaagcgctt	tgtactcttc	360
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<210> 35834

<211> 340

<212> DNA
<213> Homo sapiens

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kgatggacag ttaaaaagat agctagtgtg tattgttatg ggtcagtact tattagtact 180
tccaaaattg aatttgaaat gctatgtatt cactttttcac tctgtaaatg taattcttta 240
caatgacttt atttattaaa gggcagccag ttgtcatttt tacaggattg tgtgagctat 300
tcaaactctt caaccctga acaggggtatt aagcttccaa 340

<210> 35835
<211> 249
<212> DNA
<213> Homo sapiens

<400> 35835
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gcctcagtga catgtaggac aatttcaaag ggggttaacat acatgtggaa cactagaagg 120
ataaaagagt gagaatgaag cagatgaaag acagttttta aaaatggcca acatatttct 180
ataatttaat ttgaaacat gaatctttga tttacaaatc ccagaaacta rgtgaaacca 240
agcaggagt 249

<210> 35836
<211> 223
<212> DNA
<213> Homo sapiens

<400> 35836
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gcagtggcgc agtctcggt cactgcaacc tccacctccc gggctcaagt gattcttctg 120
ccttagcctc cagagtagct gggactacag gtgtgcatca ccacgcccg ctaacttttg 180
tatttttttg agtggagatg gggtttcacc atatcggccca ggt 223

<210> 35837
<211> 278
<212> DNA
<213> Homo sapiens

<400> 35837
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tcggctaata aagcaaaatt gggacacaag gcttttgtca tttttaaaaa acataatatt 120
gaaggcctgg tatgttccga accctgtgct gaggctagga atacaaaaaa ggaccaggcc 180
gggtgtggcct ctgggctaga ggagcagggg tactccggag gctagagggg agagagggga 240
cgatagtgcac tacaatttaa gtaaatgtga tcatgacc 278

<210> 35838
<211> 56
<212> DNA
<213> Homo sapiens

<400> 35838
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001220-066E1560

<210> 35839
 <211> 195
 <212> DNA
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<400> 35839
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 aagaaaagca tgactaatac gacctattg agtattctac atctggrcca tkecttaagt 120
 tkttcctcac cgacagtacc atcatgcctt gagtgttctt ttctcccaag tgctatkcct 180
 taaacacgag agttt 195

<210> 35840
 <211> 72
 <212> DNA
 <213> Homo sapiens

<400> 35840
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 gtaagcttaa gc 72

<210> 35841
 <211> 98
 <212> DNA
 <213> Homo sapiens

<400> 35841
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<210> 35842
 <211> 169
 <212> DNA
 <213> Homo sapiens

<400> 35842
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 gctaactaac ctacactatg ggggttattc atgaattaag tatgataaa 169

<210> 35843
 <211> 65
 <212> DNA
 <213> Homo sapiens

<400> 35843
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 tckc 65

<210> 35844
 <211> 324
 <212> DNA
 <213> Homo sapiens

<400> 35844

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taatatgaaa	acatacatcg	gatatgtaaa	aaacacaaca	aaattcttaa	tgtacacagt	180
aaaaaagtaa	atatataaat	gtagatggca	tttaggacca	cagcttgctg	gatttgtgtt	240
agctatggga	ataacttgat	tttgtataag	ctatntagag	tgaggctgga	ggtggcagct	300
tcacagaact	ggagaaccag	gccc				324

<210> 35845
 <211> 220
 <212> DNA
 <213> Homo sapiens

<400> 35845						
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acttaaagg	btgtttgttt	gtttttgcc	tactgtataa	tttgggtgag	gtctacaaaa	180
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<210> 35846
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 <212> DNA
 <213> Homo sapiens

<400> 35846						
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<210> 35847
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 <212> DNA
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<400> 35847						
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atacagtagg	acaactat	acatagcatt	tacattgtat	taggtattgg	aggtaatcta	180
gagatgattt	aaagtatatg	ggataatgtg	tgtaggttat	atgcaaatac	tgtgtcattt	240
tatatcaggg	acttgagcat	ccatggattt	tggtatcctt	ggaagggtcca	ggaaccagtt	300
ccccacagat	accatggggc	gacagtattc	agaataatgc	tagtagaatc	ggccgaggt	359

<210> 35848
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gattagagcc	aacaatttga	aatggcctgc	wcacctgatg	cagtcgtctc	tccgtcttcc	180
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ca						242

<210> 35849
 <211> 193

<212> DNA
<213> Homo sapiens

<400> 35849
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ctcctgacct caggtgatcc acccgcttg gcctcccaa gtgctgggat tacagggtgtg 180
agcccagccc cac 193

<210> 35850
<211> 209
<212> DNA
<213> Homo sapiens

<400> 35850
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tctaccatt gtccctaagt ctgccctctg ggggctgtag aaaataatga agatgatgtt 120
attaatgata accagtgtt gctgtaacca gttatgtgca ttattttatt ggatttaatt 180
tgtttactct ttataacagc atgtgtggg 209

<210> 35851
<211> 207
<212> DNA
<213> Homo sapiens

<400> 35851
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aggaaagaag gttgaggcta aggaagatgc aatgtggcta tgtatatagg ttctacaatt 180
taaaaattaa aaatggaatg ggaggg 207

<210> 35852
<211> 465
<212> DNA
<213> Homo sapiens

<400> 35852
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aaaatcctgr acgtttacaa cttttcctta acttgtaa ataaaaattgt aagttttttc 420
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<210> 35853
<211> 235
<212> DNA
<213> Homo sapiens

<400> 35853
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tctttataca ttgtgtndcc aaaaacatag attaataatt ttttaacaca tkcgtctctt 180
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<210> 35854
 <211> 275
 <212> DNA
 <213> Homo sapiens

<400> 35854
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 gtgagccaca gtacacgaac ctggggctcc tgaacagcat ggaccagcag attcagaacg 240
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 <212> DNA
 <213> Homo sapiens

<400> 35855
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 ataaatgc 368

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 <211> 247
 <212> DNA
 <213> Homo sapiens

<400> 35856
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 tttgtgtaag tacttgcttc aaaagaatta aaatcaaca tttataacht cagggtgaatg 180
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 cttactc 247

<210> 35857
 <211> 136
 <212> DNA
 <213> Homo sapiens

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 tcygtaagaa tggaat 136

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